



**RAIMOND** SOLAR Pvt. Ltd.



**Think of sense**  
**Think of sensation**  
**Think of Raimond Solar**



**PRODUCT BROCHURE**

# INTRODUCTION

In a world with growing demands of environmentally benign power, solar energy has the advantage of being low cost solar electricity for grid connected application to day. Raimond Solar, An ISO 9001:2015 Certified and MSME, MNRE approved since from its inception in year 2009, for more than 13 years has been a leading provider of solar energy solutions in India and welcomes you to love solar too.

The organization feels proud to introduce a range of complete solutions for better and clean environment in working and production areas of solar energy solutions with eco friendly environment products.

We need you to appreciate the change to solar and to have in source without dread of your electric bill and enables you to use clean vitality of free power from the sun.

Our ambition is to fulfill the customer needs under the supervision and guidance of highly experienced professional in appropriate span of time with suitable prices. The Raimond Solar uses the technology of simple digital and easy to use tools, which are designed as well as developed with an approach of modern operator centric industrial process.

Throughout the years, RAIMOND SOLAR has created and popularized one of a kind solar power arrangements modified for every application. These incorporate housetop frameworks for various sorts of rooftops, solarized petroleum siphons, DC water siphons for framing and household necessity.

We trust that we are an entrenched brand that has developed close by the quickly developing Indian solar market since 2009. We have turned out to be a solid engineer with fruitful and practical execution of our advancement pipeline. We trust we have turned out to be one of the biggest solar unit and administrator in all over West Bengal and across India. We are a vertically integrated solar company that offers customers the highest quality solar energy system.

We are pleased to prove ourselves as not just profitable but to be more competitive and high potential growth organization, ensuring the economic activity that helps to progress. This addresses the subject of solar energy and energy efficiency are a priority for this.

The vision of "RAIMOND SOLAR" is to implement solar energy system installations and energy efficiency activities to do it in a way, so that customers get a good outcome and society as a whole gets a positive impact sincerely.

Director  
RAIMOND SOLAR PVT LTD.



## RAIMOND SOLAR Pvt. Ltd.

Helpline : +91 90730 59780



## भारतीय मानक ब्यूरो

(उपभोक्ता सार्वभौम एवं सार्वजनिक विनिमय संस्था, भारत सरकार)

### BUREAU OF INDIAN STANDARDS


(Ministry of Consumer Affairs, Food & Public Distribution,  
Govt. of India)

मानक भवन, 9 बहादुर शाह जफर मार्ग, नई दिल्ली - 110002  
Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi - 110002  
दूरभाष/Phone: +91-11-23230856/2323010131/23233375/23239402  
ई-मेल/E-mail: registration@bis.gov.in  
वेबसाइट/Website: <https://bis.gov.in/>, <https://www.csis.in/BIS/>

Our Ref: Registration/CRS 2023-2510/R-51002330

Date:26-07-2023

#### Subject : Licence Document

Manufacturing Unit :	Raimond Solar DIHI, P.O- NAYABAD, PS - SONARPUR, PIN- 700150 WEST BENGAL, India-700150 raimondsolar83@gmail.com 8981456288	
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Dear Sir,

1. With reference to your Application, we are pleased to inform you that it has been decided to grant you licence as per details given below :

Product Category:	LED Luminaires for Road and Street Lighting
Product Name:	LED Luminaires for Road and Street lighting
IS NO :	IS 10322 (PART 5/SEC 3) : 2012
Brand (As Declared by Manufacturer) :	Raimond Solar
Model :	[Brand -> Raimond Solar, Models -> Raimond]
Factory Address :	DIHI, P.O- NAYABAD, PS - SONARPUR, PIN- 700150 WEST BENGAL, India-700150

- The licence is being granted for your unit located at the address and for the brand and models mentioned at serial no 1 above.
- The number assigned to this Licence is **R-51002330** which has been made operative from **26-07-2023** and is valid upto **25-07-2025** . The Licence Number should invariably be referred to in your future correspondence.
- The rights and privileges under the licence shall not be exercised by any other factory / organization at any other location. This licence is not transferable. In the event of shifting of the manufacturing machinery from the registered premises to some other place use of the licence Number shall be stopped and BIS shall be informed.
- The licensee shall comply with the provisions of the Act, rules and regulations framed thereunder and as amended from time to time.
- The licensee shall follow the guidelines for the use of Standard Mark and labeling requirements as per Annex-I.
- The licensee shall not use the licence in any manner which contravenes the provisions of Act, rules and regulations framed thereunder and as amended from time to time.
- Upon expiry of validity, stoppage or suspension or cancellation of licence, you shall discontinue forthwith the self declaration of conformity to the relevant Indian Standard(s) and withdraw all promotional and advertising matter which contains any reference thereto.
- For renewal of licence, the licensee shall have to apply to BIS three months in advance before expiration of the licence and application form for renewal is available on BIS website.
- The licence is not transferable. Kindly acknowledge receipt of this letter.

Thanking you,

Yours faithfully,  
(Sonali Gupta)  
Scientist-B  
Telfax : +91-11-23230856  
E-mail: registration@bis.gov.in

Note: This is a system generated letter. Hence signature is not required.  
To verify authentication of letter, kindly scan the QR code on this letter.

# RAIMOND SOLAR Pvt. Ltd.

Helpline : +91 90730 59780





**1kwp Solar OFF-Grid System**

## Product Description

### 1kwp Solar Off Grid)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	2 Nos	25 Years
2	Lithium Po4 Battery 100Ah, 25.6V - <b>Raimond</b>	1 Set	36 Months
3	Solar Inverter 1kva/1500VA24 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	Change Over Switch 16 Ah	1 No	
6	6 mm Single Core Cable (Module- Battery)	40mtr	
7	2.5 mm Single Core Cable	10mtr	
8	PVC Switch Board, Switch + Plug	1 Set	

**NB: If someone wants, they can use Lead acid Battery (150Ah x 2Nos) instead of Lithium Po4 Battery**

Everyday Total Production in wattage 162Ah x 24V = 3888 watt/3.888 unit

DC to AC Converting purpose & Battery Bank Purpose 10% - 15% Current are losing

At a time, Inverter can supply 1000watt Electricity

### 2kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	4 Nos	25 Years
2	Lithium Po4 Battery 200Ah, 25.6V - <b>Raimond</b>	1 Set	36 Months
3	Solar Inverter 2.2kva24 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	Change Over Switch 32 Ah	1 No	
6	6 mm Single Core Cable (Module- Battery)	50mtr	
7	2.5 mm Single Core Cable	10mtr	
8	PVC Switch Board, Switch + Plug	1 Set	

**NB: If someone wants, they can use Lead acid Battery (150Ah x 4Nos) instead of Lithium Po4 Battery**

Everyday Total Production in wattage 324Ah x 24V = 7776 watt/7.776 unit

DC to AC Converting purpose & Battery Bank Purpose 10%-15% Current are losing

At a time, Inverter can supply 1600watt Electricity



**2kwp Solar OFF-Grid System**

### 3kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	6 Nos	25 Years
2	Lithium Po4 Battery 100Ah, 51.2V - <b>Raimond</b>	1 Set	36 Months
3	Solar Inverter 3.5kva, 48 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	Change Over Switch 32 Ah	1 No	
6	6 mm Single Core Cable (Module- Battery)	60mtr	
7	2.5 mm Single Core Cable	10mtr	
8	PVC Switch Board, Switch + Plug	1 Set	
9	Earthing Connection	1 Set	

**NB: If someone wants, they can use Lead acid Battery (200Ah x 4Nos) instead of Lithium Po4 Battery**

Everyday Total Production in wattage 243Ah x 48V = 11664 watt/11.664 unit

DC to AC Converting purpose & Battery Bank Purpose 10% - 15% Current are losing

At a time, Inverter can supply 2500 watt Electricity



**3kwp Solar OFF-Grid System**

### 4kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	8 Nos	25 Years
2	Lithium Po4 Battery 200Ah, 51.2V - <b>Raimond</b>	1 Set	36 Months
3	Solar Inverter 5kva, 48 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	Change Over Switch 64 Ah	1 No	
7	10mm Single Core Cable	50mtr	
8	4 mm Single Core DC Cable	30mtr	
9	2.5mm Single Core Cable	10mtr	
10	PVC Switch Board, Switch + Plug	1 Set	
11	Earthing Connection	1 Set	

**NB: If someone wants, they can use Lead acid Battery (200Ah x 4Nos) instead of Lithium Po4 Battery**

Everyday Total Production in wattage 324Ah x 48V = 15552 watt/15.552 unit

DC to AC Converting purpose & Battery Bank Purpose 10% - 15% Current are losing

At a time, Inverter can supply 3800 watt Electricity



**4kwp Solar OFF-Grid System**

## Product Description

### 5kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc -Raimond	10 Nos	25 Years
2	Lithium Po4 Battery 200Ah, 51.2V- Raimond	1 Set	36 Months
3	Solar Inverter 5, 2kva, 48 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	Change Over Switch 64 Ah	1 No	
7	10 mm Single Core Cable	70mtr	
8	4mm Single Core DC Cable	36mtr	
9	2.5 mm Single Core Cable	10mtr	
10	PVC Switch Board, Switch + Plug	1 Set	
11	Earthing Connection	1 Set	
12	Thunder Arrester	1 Set	

**NB: If someone wants, they can use Lead acid Battery (150Ah x 8Nos) instead of Lithium Po4 Battery**

Everyday Total Production in wattage 4 05Ah x 48V = 19420 watt/19.44 unit  
 DC to AC Converting purpose & Battery Bank Purpose 10%- 15% Current are losing  
 At a time, Inverter can supply 3800 watt Electricity



**5kwp Solar OFF-Grid System**

### 7kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc -Raimond	13 Nos	25 Years
2	Lithium Po4 Battery 300Ah, 51.2V- Raimond	1 Set	36 Months
3	Solar Hybrid Inverter 8kw, 48volt (Single Phase/3 Phase)	1 No	60 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	10 mm Single Core Cable	70mtr	
7	4mm Single Core DC Cable	50mtr	
8	2.5 mm Single Core Cable	10mtr	
9	PVC Switch Board, Switch + Plug	1 Set	
10	Earthing Connection	1 Set	
11	Thunder Arrester	1 Set	

Everyday Total Production in wattage 210.6Ah x 120V = 25272 watt/25.272 unit  
 DC to AC Converting purpose & Battery Bank Purpose 10% - 15% Current are losing  
 At a time, Inverter can supply 6000 watt Electricity



**7kwp Solar OFF-Grid System**

### 10kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc -Raimond	19 Nos	25 Years
2	Lithium Po4 Battery 400Ah, 51.2V- Raimond	1Set	36 Months
3	Solar Hybrid Inverter 8kw, 48volt (3 Phase)	1 No	60 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	Change Over Switch 64 Ah	1 No	
7	10 mm Single Core Cable	70mtr	
8	4 mm Single Core DC Cable	70mtr	
9	2.5 mm Single Core Cable	10mtr	
10	Earthing Connection	1 Set	
11	Thunder Arrester	1 Set	

Everyday Total Production in wattage 307.8Ah x 120V = 36936 watt/36.936 unit  
 DC to AC Converting purpose & Battery Bank Purpose 10%-15% Current are losing  
 At a time, Inverter can supply 6000 watt Electricity



**10kwp Solar Off-Grid System**

**Note:** The Off-Grid solar systems up to a maximum of 10kwp. If someone wants to install more than 10kwp Off-Grid solar power systems, then he needs to think about a solar hybrid system. Hybrid systems are generally more expensive than Off-Grid systems. But this system is made up of a combination of Off-Grid and On-Grid systems. Therefore, it provides both Off-Grid and On-Grid benefits. Solar Hybrid systems for commercial 3-phase projects start from 10kw and goes up to 50kw.

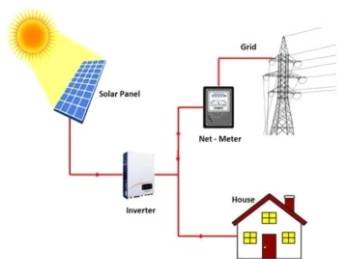
#### AC System/Inverter System (Rating Selection for Home)

3 Nos Ceiling Fan	x	80 watt	= 240 watt
2 Nos LED Tube Light	x	20 watt	= 40 watt
5 Nos LED Bulb	x	9 watt	= 45 watt
1 No LED TV	x	60 watt	= 60 watt

**If All Items Run Together then Total watt Requirement = 385 watt Per Hour**

- Washing Machine Purpose electric requirement 2000 watt Per Hour but starting time electric requirement approx. 3200 watt
- 1 Ton AC Purpose electric requirement 1200 watt Per Hour but starting time electric requirement approx. 2400 watt
- 1.5 Ton AC Purpose electric requirement 1600 watt Per Hour but starting time electric requirement approx. 2800 watt
- 2 Ton AC Purpose electric requirement 2000 watt Per Hour but starting time electric requirement approx. 3200 watt

- Computer Purpose electric requirement 200 watt Per Hour
- Refrigerator/Fridge purpose electric requirement 2000 watt/2 Unit for 24 Hours
- 1 HP Submersible purpose electric requirement 748 watt Per Hour but starting time electric requirement approx. 1600 watt
- Printer Purpose electric requirement 600 - 800 watt Per Hour but starting time electric requirement approx. 1500 watt
- Table Fan Purpose electric requirement 100/120 watt Per Hour
- Stand Fan Purpose electric requirement 200/300 watt Per Hour
- Xerox Machine Purpose electric requirement 1500 watt Per Hour but starting time electric requirement approx. 2500 watt
- Induction Purpose electric requirement 2000 watt Per Hour



5kwp Solar ON-Grid System (3 Phase)

## Product Description

## 5kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	10Nos	25 Years
2	Solar Grid-Tie Inverter 5kva, 3 Phase - Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	70mtr	
6	10 mm 4 Core Armed Cable (Aluminum)	17mtr	
7	Earthing Connection	1 No	
8	Thunder Arrester	1 No	

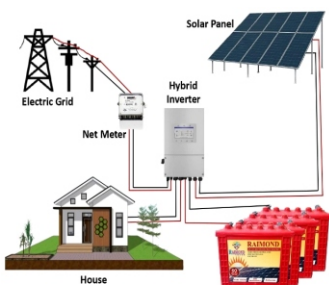
KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
5kwp	23 Unit	690 Unit
Monthly Electric Bill savings amount (Approx) @ 690 Unit X 10.00 = Rs. 6,900.00		
Yearly Electric Bill savings amount (Approx) @ 6,900.00 X 12 Months = Rs. 82,800.00		

## Price 5kwp Solar Hybrid System

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc- Raimond	10Nos	25 Years
2	Solar Hybrid Inverter 5kw, 48V, 3 Phase - Power One	1 No	60 Months
3	Lithium Battery 100Ah, 51.2V- Raimond	1 set	36 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB (7,516 + 8,717)	2 Nos	
6	4 mm Single Core DC Cable	70mtr	
7	10 mm 4 Core Armed Cable (Aluminum)	17mtr	
8	Earthing Connection	1 No	
9	Thunder Arrester	1 No	

NB : If someone wants, they can use Lead Acid Battery (150Ah x 4Nos) instead of Lithium Po4 Battery

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
5kwp	23 Unit	690 Unit
Monthly Electric Bill savings amount (Approx) @ 690 Unit X 10.00 = Rs. 6,900.00		
Yearly Electric Bill savings amount (Approx) @ 6,900.00 X 12 Months = Rs. 82,800.00		

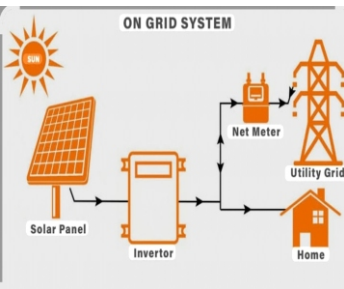


5kwp Solar Hybrid System (3 Phase)

## 10kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	19Nos	25 Years
2	Solar Grid-Tie Inverter 10kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	130mtr	
6	10 mm 4 Core Armed Cable (Aluminum)	25 mtr	
7	Earthing Connection	1 No	
8	Thunder Arrester	1 No	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
10kwp	46 Unit	1380 Unit
Monthly Electric Bill savings amount (Approx) @ 1380 Unit X 10.00 = Rs. 13,800.00		
Yearly Electric Bill savings amount (Approx) @ 13,800.00 X 12 Months = Rs. 1,65,600.00		



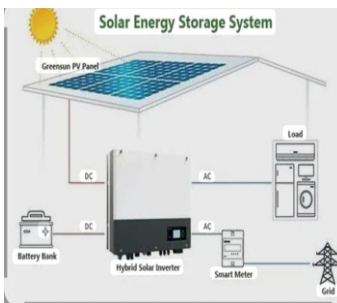
10kwp Solar ON-Grid System (3 Phase)

## 10kwp Solar Hybrid System

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	19Nos	25 Years
2	Solar Hybrid Inverter 10kw, 48V, 3 Phase-Power One	1 No	60 Months
3	Lithium Battery 200Ah, 51.2V- Raimond	4 Nos	36 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	4 mm Single Core DC Cable	130mtr	
7	10 mm 4 Core Armed Cable (Aluminum)	25mtr	
8	Earthing Connection	1 No	
9	Thunder Arrester	1 No	

NB : If someone wants, they can use Lead Acid Battery (200Ah X 4Nos) instead of Lithium Po4 Battery

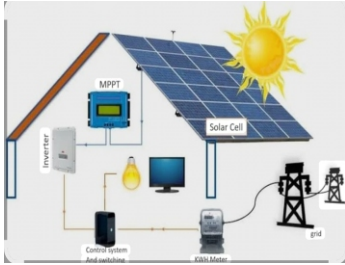
KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
10 kwp	46 Unit	1380 Unit
Monthly Electric Bill savings amount (Approx) @1380 Unit X 10.00 = Rs. 13,800.00		
Yearly Electric Bill savings amount (Approx) @13,800.00 X 12 Months = Rs. 1,65,600.00		



10kwp Solar Hybrid System (3 Phase)



## Product Description



15kwp Solar ON-Grid System (3 Phase)

### 15kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	28Nos	25 Years
2	Solar Grid-Tie Inverter 15kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	200mtr	
6	10 mm 4 Core Armed Cable (Aluminum)	25mtr	
7	Earthing Connection	1 No	
8	Thunder Arrester	1 No	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
15kwp	69 Unit	2070 Unit
Monthly Electric Bill savings amount (Approx) @ 2070 Unit X 10.00 = Rs. 20,700.00		
Yearly Electric Bill savings amount (Approx) @ 20,700.00 X 12 Months = Rs. 2,48,400.00		

### 15kwp Solar Hybrid System

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	28 Nos	25 Years
2	Solar Hybrid Inverter 15kw, 48V, 3 Phase-Power One	1 No	60 Months
3	Lithium Battery 00Ah, 51.2V - <b>Raimond</b>	1 Set	36 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	4 mm Single Core DC Cable	200mtr	
7	10 mm 4 Core Armed Cable (Aluminum)	25mtr	
8	Earthing Connection	1 No	
9	Thunder Arrester	1 No	

NB : If someone wants, they can use Lead Acid Battery (150Ah X 8Nos) instead of Lithium Po4 Battery

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
15kwp	69 Unit	2070 Unit
Monthly Electric Bill savings amount (Approx) @ 2070 Unit X 10.00 = Rs. 20,700.00		
Yearly Electric Bill savings amount (Approx) @ 20,700.00 X 12 Months = Rs. 2,48,400.00		

### HYBRID SOLAR SYSTEMS

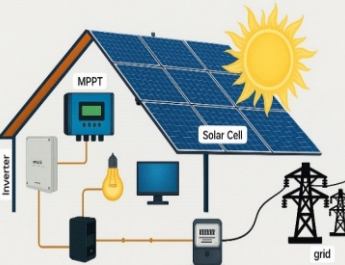


15kwp Solar Hybrid System (3 Phase)

### 20kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	37Nos	25 Years
2	Solar Grid-Tie Inverter 20kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	260mtr	
6	16 mm 4 Core Armed Cable (Aluminum)	25mtr	
7	Earthing Connection	2 Nos	
8	Thunder Arrester	1 No	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
20kwp	92 Unit	2760 Unit
Monthly Electric Bill savings amount (Approx) @ 2760 Unit X 10.00 = Rs. 27,600.00		
Yearly Electric Bill savings amount (Approx) @ 27,600.00 X 12 Months = Rs. 3,31,200.00		



20kwp Solar ON-Grid System (3 Phase)

### 20kwp Solar Hybrid System

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - <b>Raimond</b>	37Nos	25 Years
2	Solar Hybrid Inverter 20kw, 48V, 3 Phase-Power One	1 No	60 Months
3	Lithium Battery 400Ah, 51.2V - <b>Raimond</b>	1 set	36 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB	2 Nos	
6	4 mm Single Core DC Cable	260mtr	
7	16 mm 4 Core Armed Cable (Aluminum)	30mtr	
8	Earthing Connection	2 Nos	
9	Thunder Arrester	1 No	

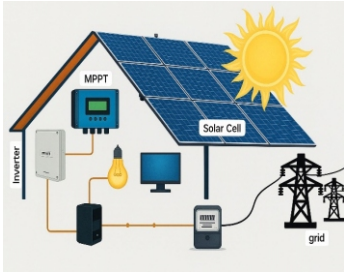
NB : If someone wants, they can use Lead Acid Battery (200Ah X 8Nos) instead of Lithium Po4 Battery

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
20kwp	92 Unit	2760 Unit
Monthly Electric Bill savings amount (Approx) @ 2760 Unit X 10.00 = Rs. 27,600.00		
Yearly Electric Bill savings amount (Approx) @ 27,600.00 X 12 Months = Rs. 3,31,200.00		

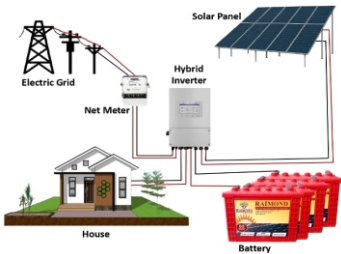
### Solar panel system diagram



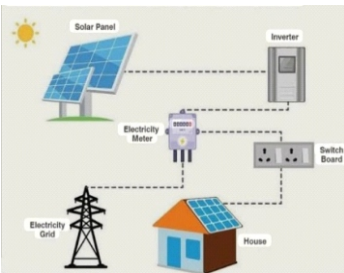
20kwp Solar Hybrid System (3 Phase)



25kwp Solar ON-Grid System (3 Phase)



25kwp Solar Hybrid System (3 Phase)



33kwp Solar ON-Grid System (3 Phase)



50kwp Solar ON-Grid System (3 Phase)

## Product Description

## 25kwp Solar On-Grid)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	46Nos	25 Years
2	Solar Grid-Tie Inverter 25kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	330mtr	
6	16 mm 4 Core Armed Cable (Aluminum)	30mtr	
7	Earthing Connection	2 Nos	
8	Thunder Arrester	2 Nos	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
25kwp	115 Unit	3450 Unit
Monthly Electric Bill savings amount (Approx) @ 3450 Unit X 10.00 = Rs. 34,500.00		
Yearly Electric Bill savings amount (Approx) @ 34,500.00 X 12 Months = Rs. 4,14,000.00		

## Price 25kwp Solar Hybrid System

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	46Nos	25 Years
2	Solar Hybrid Inverter 25kw, 48V, 3 Phase -Power One	1 No	60 Months
3	Lithium Battery 500Ah, 51.2V- Raimond	1 set	36 Months
4	Panel Mounting Structure	1 No	
5	ACDB & DCDB (10,516 + 11,717)	2 Nos	
6	4 mm Single Core DC Cable	330mtr	
7	16 mm 4 Core Armed Cable (Aluminum)	30mtr	
8	Earthing Connection	2 Nos	
9	Thunder Arrester	2 Nos	

NB : If someone wants, they can use Lead Acid Battery (200Ah X 12Nos) instead of Lithium Po4 Battery

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
25kwp	115 Unit	3450 Unit
Monthly Electric Bill savings amount (Approx) @ 3450 Unit X 10.00 = Rs. 34,500.00		
Yearly Electric Bill savings amount (Approx) @ 34,500.00 X 12 Months = Rs. 4,14,000.00		

## 33kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	61Nos	25 Years
2	Solar Grid-Tie Inverter 33kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	4 mm Single Core DC Cable	410mtr	
6	16 mm 4 Core Armed Cable (Aluminium)	35mtr	
7	Earthing Connection	2 Nos	
8	Thunder Arrester	2 Nos	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
33 kwp	151.8 Unit	4554 Unit
Monthly Electric Bill savings amount (Approx) @ 4554 Unit X 10.00 = Rs. 45,540.00		
Yearly Electric Bill savings amount (Approx) @ 45,540.00 X 12 Months = Rs. 5,46,480.00		

## 50kwp Solar On-Grid

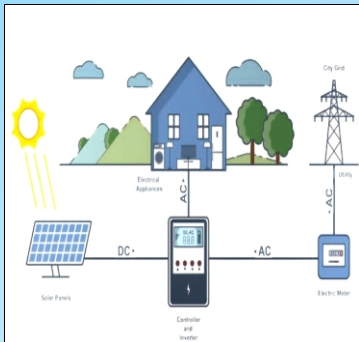
No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	92Nos	25 Years
2	Solar Grid-Tie Inverter 50kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	6 mm Single Core DC Cable	550mtr	
6	25mm 4 Core Armed Cable (Aluminium)	35mtr	
7	Earthing Connection	2 Nos	
8	Thunder Arrester	2 Nos	
9	MC 4 Connector	60 Pair	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
50kwp	220 Unit	6600 Unit
Monthly Electric Bill savings amount (Approx) @ 6600 Unit X 10.00 = Rs. 66,000.00		
Yearly Electric Bill savings amount (Approx) @ 66,000.00 X 12 Months = Rs. 7,92,000.00		



## Product Description

### 75kwp Solar On-Grid



75kwp Solar ON-Grid System (3 Phase)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	138 Nos	25 Years
2	Solar Grid-Tie Inverter 75kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB & DCDB	2 Nos	
5	6 mm Single Core DC Cable	790mtr	
6	35mm 4 Core Armed Cable (Aluminum)	40mtr	
7	Earthing Connection	2 Nos	
8	Thunder Arrester	3 Nos	
9	MC 4 Connector	90 Pair	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
75kwp	345 Unit	10350 Unit
Monthly Electric Bill savings amount (Approx) @ 10350 Unit X 10.00 = Rs. 1,03,500.00		
Yearly Electric Bill savings amount (Approx) @ 1,03,500.00 X 12 Months = Rs. 12,42,000.00		



100kwp Solar ON-Grid System (3 Phase)

### 100kwp Solar On-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	184Nos	25 Years
2	Solar Grid-Tie Inverter 100kva, 3 Phase-Power One	1 No	96 Months
3	Panel Mounting Structure	1 No	
4	ACDB	1 No	
5	DCDB	2 Nos	
6	6 mm Single Core DC Cable	1050mtr	
7	35mm 4 Core Armed Cable (Aluminum)	45mtr	
8	Earthing Connection	2 Nos	
9	Thunder Arrester	4 Nos	
10	MC 4 Connector	120 Pair	

KWP	Daily Electric Generation (Approx)	Monthly Electric Generation (Approx)
100kwp	460Unit	13800 Unit
Monthly Electric Bill savings amount (Approx) @ 13800 Unit X 10.00 = Rs. 1,38,000.00		
Yearly Electric Bill savings amount (Approx) @ 1,38,000.00 X 12 Months = Rs. 16,56,000.00		

## BENEFIT OF SOLAR ON-GRID

- Solar On-Grid systems can help you save money on your electricity bills.
- Solar On-Grid systems can increase the value of your homes.
- Solar On-Grid systems are a great way to reduce your carbon footprint.
- Solar On-grid systems can provide you with backup power in case of a power outage.
- Solar On-Grid systems are low maintenance and have a long lifespan.
- Solar On-Grid systems are a great way to generate renewable energy.
- Solar On-Grid systems can be used to power your home or business.
- Solar On-Grid systems are safe and reliable.
- Solar On-Grid systems are an environmentally friendly option.

**Apart from direct benefits there are few indirect benefits:**

**Utilization of available vacant roof space: -**

- Low gestation period
- Lower transmission and distribution losses
- Improvement in the tail-end grid voltage and reduction of system congestion
- Better Management of daytime peak loads by utility

## Product Description



10watt Single Arm Street Light

## 10watt Single Arm Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 50wp - <b>Raimond</b>	1 No	25 Years
2	LED Street Light-10Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 5Amp - <b>Raimond</b>	1 No	24 Months
4	Lithium Po4 Battery 12Ah (12.8V) - <b>Raimond</b>	1 No	60 Months
5	GI Pole 6mtr (OD-76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



10watt Double Arms Street Light

## 10 watt Double Arms Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 50wp - <b>Raimond</b>	2 Nos	25 Years
2	LED Street Light-10Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 5Amp - <b>Raimond</b>	2 Nos	24 Months
4	Lithium Po4 Battery 10Ah (12.8V) - <b>Raimond</b>	2 Nos	60 Months
5	GI Pole 6mtr (OD-76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



12watt Single Arm Street Light

## 12watt Single Arm Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 60wp - <b>Raimond</b>	1 No	25 Years
2	LED Street Light-12Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 10Amp - <b>Raimond</b>	1 No	24 Months
4	Lithium Po4 Battery 18Ah (12.8V) - <b>Raimond</b>	1 No	60 Months
5	GI Pole 6mtr (OD -76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



## 12watt Double Arms Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 60wp - <b>Raimond</b>	2 Nos	25 Years
2	LED Street Light-12Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 10Amp - <b>Raimond</b>	2 Nos	24 Months
4	Lithium Po4 Battery 18Ah (12.8V) - <b>Raimond</b>	2 Nos	60 Months
5	GI Pole 6mtr (OD -76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



15watt Single Arm Street Light

## 15watt Single Arm Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 75wp - <b>Raimond</b>	1 No	25 Years
2	LED Street Light-15Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 10Amp - <b>Raimond</b>	1 No	24 Months
4	Lithium Po4 Battery 24Ah (12.8V) - <b>Raimond</b>	1 No	60 Months
5	GI Pole 6mtr (OD76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



## Product Description

### 15watt Double Arms Solar Street Light



15watt Double Arms Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 75wp - Raimond	2 Nos	25 Years
2	LED Street Light-15Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 10Amp - Raimond	2 Nos	24 Months
4	Lithium Po4 Battery 24Ah (12.8V) - Raimond	2 Nos	60 Months
5	GI Pole 6mtr (OD-76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



20watt Single Arm Street Light

### 20watt Single Arm Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp - Raimond	1 No	25 Years
2	LED Street Light-20Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 15Amp - Raimond	1 No	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) - Raimond	1 No	60 Months
5	GI Pole 6mtr (OD -76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



20watt Double Arms Street Light

### 20watt Double Arms Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp - Raimond	2 Nos	25 Years
2	LED Street Light-20Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 15Amp - Raimond	2 Nos	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) - Raimond	2 Nos	60 Months
5	GI Pole 6mtr (OD -76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



25watt Single Arm Street Light

### 25watt Single Arm Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 125wp - Raimond	1No	25 Years
2	LED Street Light-25Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 15Amp - Raimond	1 No	24 Months
4	Lithium Po4 Battery 36Ah (12.8V) - Raimond	1 No	60 Months
5	GI Pole 6mtr (OD -76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	



25watt Double Arms Street Light

### 25watt Double Arms Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 125wp - Raimond	2 Nos	25 Years
2	LED Street Light-25Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 15Amp - Raimond	2 Nos	24 Months
4	Lithium Po4 Battery 36Ah (12.8V) - Raimond	2 Nos	60 Months
5	GI Pole 6mtr (OD76) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

## Product Description

## 30watt Single Arm Solar Street Light



30watt Single Arm Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp - <b>Raimond</b>	1 No	25 Years
2	LED Street Light-30Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	1 No	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - <b>Raimond</b>	1 No	60 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

## 30watt Double Arms Solar Street Light



30watt Double Arms Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp - <b>Raimond</b>	2 Nos	25 Years
2	LED Street Light-30Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	2 Nos	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - <b>Raimond</b>	2 Nos	60 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

## 35watt Single Arm Solar Street Light



35watt Single Arm Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 165wp - <b>Raimond</b>	1 No	25 Years
2	LED Street Light-35Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	1 No	24 Months
4	Lithium Po4 Battery 48Ah (12.8V) - <b>Raimond</b>	1 No	60 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

## 35watt Double Arms Solar Street Light



35watt Double Arms Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 165wp - <b>Raimond</b>	2 Nos	25 Years
2	LED Street Light-35Watt LED + Housing	2 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	2 Nos	24 Months
4	Lithium Po4 Battery 48Ah (12.8V) - <b>Raimond</b>	2 Nos	24 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

## Benefit of Solar Street Light

- Solar Street Light, a kind of clean energy. As a result, solar street light has advantages in environment protecting, energy saving, being free of maintenance and easy in installation.
- Solar Street light has a longer serving life than other ordinary street light.
- Solar Street light requires less maintenance.
- Solar Street light system is an independent individual, no need of cables laying and electric equipment, both cost-saving and labor-saving.
- Solar lighting systems are controlled by built-in intelligence which no manual operation, making them safe and economical.
- It is a self-powered unit; this light does not depend on Grid to power it.



## Product Description

### 12watt Single Arm Solar Street Light



12watt Single Arm Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 75wp -Raimond	1 No	25 Years
2	LED Street Light - 12Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 10Amp -Raimond	1 No	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) -Raimond	1 No	60 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

### 18 watt Single Arm Solar Street Light



18watt Single Arm Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp -Raimond	1 No	25 Years
2	LED Street Light - 18Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 15Amp - Raimond	1 No	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - Raimond	1 No	60 Months
5	Gl Pole 6mtr (OD-89) + Panel Mounting Structure + Light Arm	1 Set	
6	Wire Cable & Accessories	1 Set	

### 50watt Single Arm Solar Street Light



50watt Single Arm Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200 wp -Raimond	1 No	25 Years
2	LED Street Light - 50Watt LED + Housing (Stand Loon)	1 No	24 Months
3	MPPT Charge Controller 25Amp -Raimond	1 No	24 Months
4	Lithium Po4 Battery 100Ah (12.8V) - Raimond	1 No	60 Months
5	Battery Box	1 No	
6	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm, Base Plate : 220/220/12mm) + Panel Structure + Light Arm	1 Set	
7	Foundation Bolt with Nut & washer	4 Nos	
8	Wire Cable & Accessories	1 Set	

## INSTALLATION DESCRIPTION OF SOLAR STREET LIGHT

### Installation Process of Solar Street Light :-

- 1) Appropriate installation site is to be chosen where there is no inclination on the ground level & the top portion of the street light direct access to the sun light.
- 2) The concrete foundation is conducted in one foot by one foot with a two and half foot depth to be required for the installation of street light.
- 3) Solar panel support to the structure by bolts and connect light to the panel at the adjacent height of pole.
- 4) Lifting of 6 mtr. Pole manually & fixing of the pole inside the round base part of the ground.
- 5) Pouring of the mixture of sand, stone chips & cement accurately proportionate for the foundation build up with a 300 mm round base is to be formed.
- 6) Module facing should be true south & latitude 22.57°N, 88.36°E.
- 7) System must not place under HV(High Voltage) line & shadow area.
- 8) During the solidification process of concrete water should be poured regularly in general 3 to 5 days



12watt Single Arm Integrated Light



15watt Single Arm Integrated Light



20watt Single Arm Integrated Light



25watt Single Arm Integrated Light



30watt Single Arm Integrated Light

## Product Description

## 12 watt Single Arm Integrated Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 60wp (Mono Perc) - Raimond	1 No	25 Years
2	LED Street Light-12Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 10Amp - Raimond	1 No	24 Months
4	PIR Censer	1 No	
5	Lithium Po4 Battery 18Ah (12.8V) - Raimond	1 No	60 Months
6	GI Pole 6mtr (OD-76)	1 No	

## 15watt Single Arm Integrated Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 80wp (Mono Perc) - Raimond	1 No	25 Years
2	LED Street Light-15Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 10Amp - Raimond	1 No	24 Months
4	PIR Censer	1 No	
5	Lithium Po4 Battery 24Ah (12.8V) - Raimond	1 No	60 Months
6	GI Pole 6mtr (OD-76)	1 No	

## 20watt Single Arm Integrated Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp (Mono Perc) - Raimond	1 No	25 Years
2	LED Street Light-20Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 15Amp - Raimond	1 No	24 Months
4	PIR Censer	1 No	
5	Lithium Po4 Battery 30Ah (12.8V) - Raimond	1 No	60 Months
6	GI Pole 6mtr (OD-76)	1 No	

## 25watt Single Arm Integrated Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 125wp (Mono Perc) - Raimond	1 No	25 Years
2	LED Street Light-25Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 15Amp - Raimond	1 No	24 Months
4	PIR Censer	1 No	
5	Lithium Po4 Battery 36Ah (12.8V) - Raimond	1 No	60 Months
6	GI Pole 6mtr (OD-76)	1 No	

## 30 watt Single Arm Integrated Solar Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp (Mono Perc) - Raimond	1 No	25 Years
2	LED Street Light- 30Watt LED + Housing	1 No	24 Months
3	MPPT Charge Controller 20Amp - Raimond	1 No	24 Months
4	PIR Censer	1 No	
5	Lithium Po4 Battery 42Ah (12.8V) - Raimond	1 No	60 Months
6	GI Pole 6mtr (OD-76)	1 No	



## Product Description

### 20watt Solar Mini High Mast - 3Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module100wp - <b>Raimond</b>	3 Nos	25 Years
2	LED Street Light-20Watt LED + Housing (Glass Model)	3 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	3 Nos	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) - <b>Raimond</b>	3 Nos	60 Months
5	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm & Base Plate 220/220mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45 Omm/20mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	3 Set	

20watt Mini High Mast Triple Arms



20watt Mini High Mast Triple Arms

### 25watt Solar Mini High Mast - 3Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module125wp - <b>Raimond</b>	3 Nos	25 Years
2	Flood Light(with Box) - 25Watt LED + Housing	3 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	3 Nos	24 Months
4	Lithium Po4 Battery 36Ah (12.8V) - <b>Raimond</b>	3 Nos	60 Months
5	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm & Base Plate 220/220mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	3 Set	

25watt Mini High Mast Triple Arms



25watt Mini High Mast Triple Arms

### 30watt Solar Mini High Mast - 3Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp - <b>Raimond</b>	3 Nos	25 Years
2	Flood Light(with Box) -30Watt LED + Housing	3 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	3 Nos	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - <b>Raimond</b>	3 Nos	24 Months
5	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm & Base Plate 220/220mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	3 Set	

30watt Mini High Mast Triple Arms



30watt Mini High Mast Triple Arms

### 35watt Solar Mini High Mast - 3Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 165wp (Mono Perc) - <b>Raimond</b>	3 Nos	25 Years
2	Flood Light(with Box) -35Watt LED + Housing	3 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	3 Nos	24 Months
4	Lithium Po4 Battery 48Ah (12.8V) - <b>Raimond</b>	3 Nos	60 Months
5	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm & Base Plate 220/220mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	3 Set	

35watt Mini High Mast Triple Arms



35watt Mini High Mast Triple Arms

### 40 watt Solar Mini High Mast- 3Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp (Mono Perc) - <b>Raimond</b>	3 Nos	25 Years
2	Flood Light(with Box) - 40Watt LED + Housing	3 Nos	24 Months
3	MPPT Charge Controller 25Amp - <b>Raimond</b>	3 Nos	24 Months
4	Lithium Po4 Battery 54Ah (12.8V) - <b>Raimond</b>	3 Nos	60 Months
5	OctaPole 7mtr with Base Plate (Top : 70mm, Bottom : 135mm & Base Plate 220/220mm ) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	3 Set	

40watt Mini High Mast Triple Arms



20watt High Mast Four Arms



25watt High Mast Four Arms



30watt High Mast Four Arms



35watt High Mast Four Arms



40watt High Mast Four Arms

## Product Description

### 20watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp - <b>Raimond</b>	4 Nos	25 Years
2	LED Street Light - 20Watt LED + Housing (Glass Model)	4 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	4 Nos	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) - <b>Raimond</b>	4 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45.0mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	4 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 25watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 125wp - <b>Raimond</b>	4 Nos	25 Years
2	Flood Light (with Box) - 25Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	4 Nos	24 Months
4	Lithium Po4 Battery 36Ah (12.8V) - <b>Raimond</b>	4 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45.0mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	4 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 30watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp - <b>Raimond</b>	4 Nos	25 Years
2	Flood Light (with Box) - 30Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	4 Nos	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - <b>Raimond</b>	4 Nos	24 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45.7mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	4 Set	

If anybody wants they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 35watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 165wp - <b>Raimond</b>	4 Nos	25 Years
2	Flood Light (with Box) - 35Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	4 Nos	24 Months
4	Lithium Po4 Battery 48Ah (12.8V) - <b>Raimond</b>	4 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45.0mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	4 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 40watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - <b>Raimond</b>	4 Nos	25 Years
2	Flood Light (with Box) - 40Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 25Amp - <b>Raimond</b>	4 Nos	24 Months
4	Lithium Po4 Battery 54Ah (12.8V) - <b>Raimond</b>	4 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (45.7mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	4 Set	

If anybody wants they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole



## Product Description

### 20watt Solar High Mast - 6Arms



20watt High Mast Six Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 100wp - <b>Raimond</b>	6 Nos	25 Years
2	LED Street Light - 20Watt LED + Housing (Glass Model)	6 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	6 Nos	24 Months
4	Lithium Po4 Battery 30Ah (12.8V) - <b>Raimond</b>	6 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	6 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 25watt Solar High Mast - 6Arms



25watt High Mast Six Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 125wp - <b>Raimond</b>	6 Nos	25 Years
2	Flood Light (with Box)-25Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 15Amp - <b>Raimond</b>	6 Nos	24 Months
4	Lithium Po4 Battery 36Ah (12.8V) - <b>Raimond</b>	6 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	6 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 30watt Solar High Mast - 6Arms



30watt High Mast Six Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 150wp - <b>Raimond</b>	6 Nos	25 Years
2	Flood Light (with Battery Box) - 30Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	6 Nos	24 Months
4	Lithium Po4 Battery 42Ah (12.8V) - <b>Raimond</b>	6 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	6 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 35watt Solar High Mast - 6Arms



35watt High Mast Six Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 165wp - <b>Raimond</b>	6 Nos	25 Years
2	Flood Light (with Battery Box) - 35Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 20Amp - <b>Raimond</b>	6 Nos	24 Months
4	Lithium Po4 Battery 48Ah (12.8V) - <b>Raimond</b>	6 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	6 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole

### 40watt Solar High Mast - 6Arms



40watt High Mast Six Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - <b>Raimond</b>	6 Nos	25 Years
2	Flood Light (with Battery Box) - 40Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 25Amp - <b>Raimond</b>	6 Nos	24 Months
4	Lithium Po4 Battery 54Ah (12.8V) - <b>Raimond</b>	6 Nos	60 Months
5	Octa Pole 9mtr with Base Plate (Top : 100mm, Bottom : 200mm & Base Plate 300/300mm) + Panel Structure + Light Arm	1 Set	
6	Foundation Bolt GI (450mm/24mm) with Nut & washer	4 Nos	
7	Wire Cable & Accessories	6 Set	

If anybody wants, they can use 9mtr Octagonal Pole (Top Dia : 150mm, Bottom Dia : 360mm & Base Plate : 520/20mm), instead of this Pole



50watt High Mast Four Arms



50watt High Mast Four Arms



50watt High Mast Six Arms



50watt High Mast Six Arms

### Product Description

#### 50watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - Raimond	4 Nos	25 Years
2	Flood Light - 50Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 25Amp - Raimond	4 Nos	24 Months
4	Lithium Po4 Battery 100Ah (12.8V) - Raimond	4 Nos	60 Months
5	Battery Box & Setting Accessories	1 No	
6	Octa Pole 9mtr with Base Plate (Top : 150mm, Bottom : 360mm & Base Plate 520/20mm) + Ladder + Panel Structure + Light Arm	1 Set	
7	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
8	Wire Cable & Accessories	6 Set	
9	Earthing Connection	1 No	

#### 50watt Solar High Mast - 4Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - Raimond	4 Nos	25 Years
2	Flood Light - 50Watt LED + Housing	4 Nos	24 Months
3	MPPT Charge Controller 25Amp - Raimond	4 Nos	24 Months
4	Lithium Po4 Battery 100Ah (12.8V) - Raimond	4 Nos	60 Months
5	Battery Box & Setting Accessories	1 No	
6	Octa Pole 10.5mtr with Base Plate (Top : 150mm, Bottom : 360mm & Base Plate 520/20mm) + Ladder + Panel Structure + Light Arm	1 Set	
7	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
8	Wire Cable & Accessories	6 Set	
9	Earthing Connection	1 No	

#### 50watt Solar High Mast - 6Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - Raimond	6 Nos	25 Years
2	Flood Light - 50Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 25Amp - Raimond	6 Nos	24 Months
4	Lithium Po4 Battery 100Ah (12.8V) - Raimond	6 Nos	60 Months
5	Battery Box & Setting Accessories	1 No	
6	Octa Pole 10.5mtr with Base Plate (Top : 150mm, Bottom : 360mm & Base Plate 520/20mm) + Ladder + Panel Structure + Light Arm	1 Set	
7	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
8	Wire Cable & Accessories	6 Set	
9	Earthing Connection	1 No	

#### 50watt Solar High Mast - 6Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp - Raimond	6 Nos	25 Years
2	Flood Light - 50Watt LED + Housing	6 Nos	24 Months
3	MPPT Charge Controller 25Amp - Raimond	6 Nos	24 Months
4	Lithium Po4 Battery 100Ah (12.8V) - Raimond	6 Nos	60 Months
5	Battery Box & Setting Accessories	1 No	
6	Octa Pole 12mtr with Base Plate (Top : 150mm, Bottom : 360mm & Base Plate 520/20mm) + Ladder + Panel Structure + Light Arm	1 Set	
7	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
8	Wire Cable & Accessories	6 Set	
9	Earthing Connection	1 No	

#### Important Note :

- To install Solar High Mast, first select the proper empty space where there is no electric high - tension wire and no shade of trees.
- A hydra (crane) is required to install a high - mast light because the high - mast pole is very heavy. A wide road is also needed so the hydra can move in easily and safely for installation.
- After the high-mast foundation is completed, it must be watered for at least 8 –9 days so that the foundation cures properly and becomes strong. Only after that the high-mast pole should be installed.



## Product Description

### 50watt Single Arm Electric Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	50watt Street Light (Housing, LED PCB, Driver) -Raimond	1No	24 Months
2	GI Tubular Pole 6mtr (OD-76) + Light Arm (24")	1 Set	
3	Day Light Sensor (Outside)	1 No	
4	Wire Cable & Accessories as per Requirement (10mm 2core Armoured cable)		

50watt Single Arm Electric Street Light

### 50watt Single Arm Electric Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	50watt Street Light (Housing, LED PCB, Driver)- Raimond	1 No	24 Months
2	7mtrGI Tubular Pole (Top 3mtr 76 OD, Bottom 4mtr 89 OD) + Light Arm(24")	1 No	
3	Day Light Sensor (Outside)	1 No	
4	Wire Cable & Accessories as per Requirement (10mm 2core Armoured cable)		

50watt Single Arm Electric Street Light

### 50watt Single Arm Electric Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	50watt Street Light (Housing, LED PCB, Driver)-Raimond	1No	24 Months
2	9mtrGI Tubular Pole (Top 3mtr 89 OD, Bottom 6mtr 114 OD, Base Plate 220/220/12mm)+ Light Arm (30")	1 No	
3	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
4	Day Light Sensor (Outside)	1 No	
5	Wire Cable & Accessories as per Requirement (10mm 2core Armoured cable)		

50watt Single Arm Electric Street Light

### 50watt Street Light with Arm & Clamp

No	MATERIAL DESCRIPTION	QTY	Warranty
1	36watt Street Light (Housing, LED PCB, Driver)-Raimond	1No	24 Months
2	26OD 2Ft GI Hand with clamp	1 Set	
3	Day Light Sensor (Outside)	1 No	
4	Wire Cable & Accessories (1.5mm 2core cable)	2 Mtr	

50wattStreet Light with Arm & Clamp

### 100watt Single Arm Electric Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	100 watt Street Light (Housing, LED PCB, Driver) - Raimond	1No	24 Months
2	7mtr GI Tubular Pole (Top 3mtr 76 OD, Bottom 4mtr 89 OD) + Light Arm (24")	1 No	
3	Day Light Sensor (Outside)	1 No	
4	Wire Cable & Accessories as per Requirement (10mm 2core Armoured cable)		

100watt Single Arm Electric Street Light

### 100watt Single Arm Electric Street Light

No	MATERIAL DESCRIPTION	QTY	Warranty
1	100watt Street Light (Housing, LED PCB, Driver) - Raimond	1No	24 Months
2	9mtrGI Tubular Pole (Top 3mtr 89 OD, Bottom 6mtr 114 OD, Base Plate 220/220/12mm)+ Light Arm (30")	1 No	
3	Foundation Bolt GI (457mm/20mm) with Nut & washer	4 Nos	
4	Day Light Sensor (Outside)	1No	
5	Wire Cable & Accessories as per Requirement (10mm 2core Armoured cable)		

100watt Single Arm Electric Street Light



100watt Electric Mini High Mast -3Arms



100watt Electric Mini High Mast - 4Arms

## Product Description

## 100watt ElectricMini High Mast - 3 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	100watt Flood Light (Housing, LED PCB, Driver) - Raimond	3 Nos	24 Months
2	7mtr GI Tubular Pole (Top 3mtr 76 OD, Bottom 4mtr 89 OD, Base Plate 220/220/12mm)+ Ring with Light Bracket	1 Set	
3	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
4	Day Light Sensor (Outside)	3 Nos	
5	MCB Protector, PBC Box& Accessories	1 set	
6	10mm2core Armoured cable(Aluminum)	15 Mtr	
7	2.5mm Double Core Cable	10 Mtr	
8	Earthing Connection	1 No	

## 100watt Electric Mini High Mast - 4 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	100watt Flood Light (Housing, LED PCB, Driver) - Raimond	4 Nos	24 Months
2	9mtr GI Tubular Pole (Top 3mtr 89OD , Bottom 6mtr 114 OD, Base Plate 220/220/12mm)+ Ring with Light Bracket	1 Set	
3	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
4	Day Light Sensor (Outside)	4 Nos	
5	MCB Protector, PBC Box & Accessories	1 set	
6	10mm 2core Armoured cable(Aluminum)	15 Mtr	
7	2.5mm Double Core Cable	12 Mtr	
8	Earthing Connection	1 No	

## ELECTRIC HIGH MAST (4 Arms)



200watt Electric High Mast 4 Arms

## 200watt Electric High Mast - 4 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	200watt Flood Light (Housing, LED PCB, Driver) - Raimond	4 Nos	24 Months
2	Octa Pole 9mtr with Base Plate (Top 100mm, Bottom 200mm & Base Plate 300/300/16mm) + Ring with Bracket (without Pulling System)	1 Set	
3	Foundation Bolt GI (450mm/20mm) with Nut & washer	4 Nos	
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No	
5	10mm 4 core Armoured Cable (Aluminum)	15Mtr	
6	2.5mm 2core cable	15Mtr	
7	Earthing Connection & Setting	1 No	
8	Thunder arrester & Setting Accessories	1 No	

## 200watt Electric High Mast - 4 Arms



200watt Electric High Mast 4 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	200watt Flood Light (Housing, LED PCB, Driver) - Raimond	4 Nos	24 Months
2	Octa Pole 9mtr with Base Plate (Top 150mm, Bottom 360mm& Base Plate 520/20mm) + Ring with Light Bracket + Ladder	1 Set	
3	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No	
5	10mm 4 core Armar Cable (Aluminum)	15 Mtr	
6	2.5mm 2core cable	15 Mtr	
7	Earthing Connection & Setting	1 No	
8	Thunder arrester & Setting Accessories	1 No	



## Product Description

### 200watt Electric High Mast - 6 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	200watt Flood Light (Housing, LED PCB, Driver) - <b>Raimond</b>	6Nos	24 Months
2	Octa Pole 12.5mtr with Base Plate (Top 150mm, Bottom 360mm & Base Plate 520/20mm) + Ring with Light Bracket + Manual Handle + 5core 6mm wire Rope	1 Set	
3	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No	
5	10mm 4 core Armair Cable (Aluminum)	15Mtr	
6	2.5mm 2core cable	25Mtr	
7	Earthing Connection & Setting	1 No	
8	Thunder arrester & Setting Accessories	1 No	

200watt Electric High Mast 6 Arms



250watt Electric High Mast 6 Arms

### 250watt Electric High Mast - 6 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	250watt Flood Light (Housing, LED PCB, Driver) - <b>Raimond</b>	6 Nos	24 Months
2	Octa Pole 12.5mtr with Base Plate (Top 150mm, Bottom 360mm & Base Plate 520/20mm) + Ring with Light Bracket + Manual Handle + 5core 6mm wire Rope	1 Set	
3	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No	
5	10mm 4 core Armair Cable (Aluminum)	20Mtr	
6	4mm 2core cable	25Mtr	
7	Earthing Connection & Setting	1 No	
8	Thunder arrester & Setting Accessories	1 No	

If Customer Prefer 1HP Motor, Motor Bracket, Gear Pinion (big, small), Chain then price will be Extra added Rs. 12,420/-

### 300watt Electric High Mast - 6 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty
1	300watt Flood Light (Housing, LED PCB, Driver) - <b>Raimond</b>	6 Nos	24 Months
2	Octa Pole 12.5mtr with Base Plate (Top 150mm, Bottom 360mm & Base Plate 520/20mm) + Ring with Light Bracket + Manual Handle + 5core 6mm wire Rope	1 Set	
3	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos	
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No	
5	10mm 4 core Armair Cable (Aluminum)	20Mtr	
6	4mm 2core cable	25Mtr	
7	Earthing Connection & Setting	1 No	
8	Thunder arrester & Setting Accessories	1 No	

If Customer Prefer 1HP Motor, Motor Bracket, Gear Pinion (big, small), Chain then price will be Extra added Rs. 12,420/-

300watt Electric High Mast 6 Arms



300watt Electric High Mast 8 Arms

### 300watt Electric High Mast - 8 Arms

No	MATERIAL DESCRIPTION	QTY	Warranty	Rate
1	300watt Flood Light (Housing, LED PCB, Driver) - <b>Raimond</b>	8 Nos	24 Months	54,232.00
2	Octa Pole 16mtr(2 section) with Base Plate (Top 150mm, Bottom 360mm & Base Plate 540/20mm) + Ring with Light Bracket + Manual Handle + 5core 6mm wire Rope	1 Set		81,416.00
3	Foundation Bolt GI (450mm/24mm) with Nut & washer	6 Nos		2,352.00
4	Fidder Piller Box (MCB, Connector, Sensor & Others)	1 No		13,258.00
5	10mm 4 core Armair Cable (Aluminum)	20Mtr		6,664.00
6	4mm 2core cable	30Mtr		3,359.00
7	Earthing Connection & Setting	1 No		3,740.00
8	Thunder arrester & Setting Accessories	1 No		6,979.00

If Customer Prefer 1HP Motor, Motor Bracket, Gear Pinion (big, small), Chain then price will be Extra added Rs. 12,420/-

NB : Installation Charge will be extra added (including rod, cement, sand, stone, labor & Hydra) Rs. 25,000/-

NB : If customer provide rod, cement, sand, stone, labor & Hydra, then installation purpose Technician charge will be added Rs. 6,000/-



1HP Solar Submersible Pump

## Product Description

## Solar Submersible Pump (Model : U - I)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	Concrete work (W & L: 1300/1300mm, Height :1700 mm) with front side, tiles, back side gate, Color, Drain	1 No	
6	Panel Mounting Structure (GI)	1 No	
7	Water Storage Tank (PVC) 1000 Ltr. - <b>Suprime</b>	1 No	
8	Iron Removal Filter (FRP Vassel : Dia -325mm & Height-1350mm)- <b>Raimond</b>	1 No	
9	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
10	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
11	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
12	<b>Boring Depth 91mtr</b>		
	A 100mm PVC Pipe - 5 Nos (30mtr)		
	B 50mm PVC Pipe - 8 Nos (48mtr)		1 Set
	C 50mm Filter - 7 Nos (13mtr)		
13	Plumbing All Materials	1 Set	

## Solar Submersible Pump (Model : U - III)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	GI Structure for water Tank & Solar Panel (2000 Ltr Tank Probation)	1 No	
6	Water Storage Tank (PVC) 2000 Ltr. - <b>Suprime</b>	2 Nos	
7	Iron Removal Filter (FRP Vassel : Dia - 325mm & Height-1350mm)- <b>Raimond</b>	1 No	
8	Arsenic Removal Filter (FRP Vassel : Dia -325mm & Height-1350mm)- <b>Raimond</b>	1 No	
9	Water Hardness Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) - <b>Raimond</b>	1 No	
10	Water Smell Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) - <b>Raimond</b>	1 No	
11	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
12	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
13	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
14	<b>Boring Depth 91mtr</b>		
	A 100mm PVC Pipe - 5 Nos (30mtr)		
	B 50mm PVC Pipe - 8 Nos (48mtr)		1 Set
	C 50mm Filter - 7 Nos (13mtr)		
15	Plumbing All Materials	1 Set	
16	Concrete Platform (L,W & H : 3000/3000/600 mm)	1 Set	
17	The 4 Sides of the Platform are surrounded by Iron Mesh (Height - 1200mm)	1 Set	



1HP Solar Submersible Pump



1HP Solar Submersible Pump

## Solar Submersible Pump (Model : U - IV)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	OnOff Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	GI Structure for water Tank & Solar Panel (1000 Ltr Tank Probation)	1 No	
6	GI Structure's 4 Legs Foundation & 900/1200mm brick wall with tiles4 sides for water supply point & Drain also.	1 No	
7	Water Storage Tank (PVC) 1000 Ltr. - <b>Suprime</b>	1 No	
8	Iron Removal Filter (FRP Vassel : Dia -300mm & Height-1200mm)- <b>Raimond</b>	1 No	
9	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
10	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
11	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
12	<b>Boring Depth 91mtr</b>		
	A 100mm PVC Pipe - 5 Nos (30mtr)		
	B 50mm PVC Pipe - 8 Nos (48mtr)		1 Set
	C 50mm Filter - 7 Nos (13mtr)		
13	Plumbing All Materials	1 Set	

## Solar Submersible Pump (Model : U - VII)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	Concrete work & Tiles also : (Column size : 250 mm/250 mm, Number of Colum : 4, Colum distance :1500/1500 mm each (outside to outside), Ceiling height : 2700 mm from floor, Roof part Colum height 600 mm)	1 Set	
6	Panel Mounting Structure (GI)	1 No	
7	Water Storage Tank (PVC) 1000 Ltr. - <b>Suprime</b>	1 No	
8	Iron Removal Filter (FRP Vassel : Dia -325mm & Height-1350mm)- <b>Raimond</b>	1 No	
9	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
10	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
11	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
12	<b>Boring Depth 91mtr</b>		
	A 100mm PVC Pipe - 5 Nos (30mtr)		
	B 50mm PVC Pipe - 8 Nos (48mtr)		1 Set
	C 50mm Filter - 7 Nos (13mtr)		
13	Plumbing All Materials	1 Set	



1HP Solar Submersible Pump



## Product Description

### Solar Submersible Pump (Model : U - VI)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	2 Storied Floor for 2 Nos. water Tank, Filters & Solar Panel : (1 <sup>st</sup> Floor Height 600 mm from ground level, Colum size : 250/250 mm, Number of Colum : Colum Distance : 3000/3000 mm each (outside to outside), Ground floor height : 2700 mm (from floor to roof)	1 No	
6	Panel Mounting Structure (GI)	1 No	
7	The 4 sides 900 mm wide & 3000 mm Length Structure & Shade	1 Set	
8	Water Storage Tank (PVC) 2000 Ltr. - <b>Suprime</b>	2 Nos	
9	Iron Removal Filter (FRP Vassel : Dia - 325mm & Height-1350mm) - <b>Raimond</b>	1 No	
10	Arsenic Removal Filter (FRP Vassel : Dia -325mm & Height-1350mm) - <b>Raimond</b>	1 No	
11	Water Hardness Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) <b>Raimond</b>	1 No	
12	Water Smell Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) - <b>Raimond</b>	1 No	
13	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
14	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
15	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
16	<b>Boring Depth 91mtr</b>	A 100mm PVC Pipe - 5 Nos (30mtr)	1 Set
		B 50mm PVC Pipe - 8 Nos (48mtr)	
		C 50mm Filter - 7 Nos (13mtr)	
17	Plumbing All Materials	1 Set	

1HP Solar Submersible Pump

### Solar Submersible Pump (Model : U - VIII)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	3 Nos	25 Years
2	1HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	GI Structure for water Tank & Solar Panel ( 1000 Ltr Tank Probation)	1 No	
6	Water Storage Tank (PVC) 1000 Ltr. - <b>Suprime</b>	2 Nos	
7	Iron Removal Filter (FRP Vassel : Dia - 325mm & Height-1350mm) - <b>Raimond</b>	1 No	
8	Arsenic Removal Filter (FRP Vassel : Dia -325mm & Height-1350mm) - <b>Raimond</b>	1 No	
9	Water Hardness Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) <b>Raimond</b>	1 No	
10	Water Smell Removal Filter (FRP Vassel :Dia -325mm & H-1350mm) - <b>Raimond</b>	1 No	
11	1.5mm 3core cable (For VFD to Submersible Pump)	30 Mtr	
12	6mm Single Core Cable (For Panel to VFD)	16 Mtr	
13	0.75mm Single Core Cable (For VFD to Floating switch)	8 Mtr	
14	<b>Boring Depth 91mtr</b>	A 100mm PVC Pipe - 5 Nos (30mtr)	1 Set
		B 50mm PVC Pipe - 8 Nos (48mtr)	
		C 50mm Filter - 7 Nos (13mtr)	
15	Plumbing All Materials	1 Set	
16	Concrete Platform (LW & H : 3000/3000/600 mm)	1 Set	
17	The 4 Sides of the Platform are surrounded by Iron Mesh (Height - 1200mm)	1 Set	

1HP Solar Submersible Pump

### Solar Submersible Pump (Model : U - IX)

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	6 Nos	25 Years
2	2HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	On-Off Auto Censer Device/Floating Switch - <b>Raimond</b>	1 No	
5	2 Storied Floor for 5000 Ltr water Tank & Solar Panel Structure : (1 <sup>st</sup> Floor Height 3000mm from ground level, Colum size: 300/300mm, Number of Colum: 4, Colum Distance : 3000/3000mm each (outside to outside), 2 <sup>nd</sup> Floorheight:3000 mm (from 1 <sup>st</sup> floor roof	1 Set	
6	Panel Mounting Structure (GI)	1 No	
7	20' Height Round Iron Stair	1 No	
8	Water Storage Tank (PVC) 5000 Ltr. - <b>Suprime</b>	1 No	
9	2.5mm 3core cable (For VFD to Submersible Pump)	45 Mtr	
10	6mm Single Core Cable (For Panel to VFD)	24 Mtr	
11	0.75mm Single Core Cable (For VFD to Floating switch)	10 Mtr	
12	<b>Boring Depth 91mtr</b>	A 100mm PVC Pipe - 5 Nos (30mtr)	1 Set
		B 50mm PVC Pipe - 8 Nos (48mtr)	
		C 50mm Filter - 7 Nos (13mtr)	
13	<b>Delivery Line 1000mtr</b>	A 70mm PVC Pipe 6mtr - 40 Nos (240mtr)	1 Set
		B 50mm PVC Pipe 6mtr - 50 Nos (300mtr)	
		C 40mm PVC Pipe 6mtr - 40 Nos (240mtr)	
		D 32mm PVC Pipe 6mtr - 36 Nos (216mtr)	
14	Plumbing All Materials	1 Set	
15	Water Distribution point (900 mm/900 mm) - Concrete work	12 Nos	

2HP Solar Submersible Pump

## Product Description

## 2HP Solar Submersible Pump

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 335wp, 24V - <b>Raimond</b>	6 Nos	25 Years
2	2HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	Solar PV Module Structure (GI)	1 No	
5	Structure Foundation Purpose Concrete work	1 No	
6	2.5mm 3core cable (For VFD to Submersible Pump)	31Mtr	
7	6mm Single Core Cable (For Panel to VFD)	24 Mtr	
8	Earthing Connection	1 No	
9	A 100mm PVC Pipe - 5 Nos (30mtr)	1 No	
	B 50mm PVC Pipe - 8 Nos (48mtr)		
	C 50mm Filter - 7 Nos (13mtr)		
10	1 32mm Colum Pipe - 8 Nos (24mtr)	1 Set	
	2 1½" Adaptor Socket - 1 No		
	3 Wall Cover 4" - 1 No		
	4 1½" Nail Clamp - 1 No		
	5 1½" GI Elbow - 1 No		
	6 1½" MTA (GI) - 1 No		
	7 1½" GI Pipe 1" - 1 No		



2HP Solar Agriculture Project

Mechanical Characteristics of 2HP SolarSubmersible Pump	Outlet Size	RPM	KW	Pump Dia	Bore Dia	Head in Mtr	Water can lifted P/H	Water can lifted P/D
	32 mm	2800	1.5	98 mm	110 mm	30 mtr	4800 Ltr	28800 Ltr

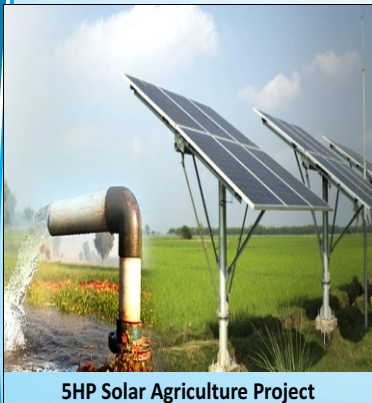


3HP Solar Agriculture Project

## 3HP Solar Submersible Pump

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 545wp, 24V - <b>Raimond</b>	6 Nos	25 Years
2	3HP Solar Submersible Pump (V4 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	Solar PV Module Structure (GI)	1 No	
5	Structure Foundation Purpose Concrete work	1 No	
6	2.5mm 3core cable (For VFD to Submersible Pump)	31Mtr	
7	6mm Single Core Cable (For Panel to VFD)	32 Mtr	
8	Earthing Connection	1 No	
9	A 100mm PVC Pipe - 5 Nos (30mtr)	1 No	
	B 75mm PVC Pipe - 8 Nos (48mtr)		
	C 75mm Filter - 7 Nos (13mtr)		
10	1 48mm Colum Pipe - 8 Nos (24mtr)	1 Set	
	2 2" Adaptor Socket - 1 No		
	3 Wall Cover 4" - 1 No		
	4 2" Nail Clamp - 1 No		
	5 2" GI Elbow - 1 No		
	6 2" MTA (GI) - 1 No		
	7 2" GI Pipe 1" - 1 No		

Mechanical Characteristics of 3HP SolarSubmersible Pump	Outlet Size	RPM	KW	Pump Dia	Bore Dia	Head in Mtr	Water can lifted P/H	Water can lifted P/D
	50 mm	2800	2.2	98 mm	110 mm	30 mtr	9000 Ltr	54000 Ltr



5HP Solar Agriculture Project

## 5HP Solar Submersible Pump

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 545wp, 24V - <b>Raimond</b>	10 Nos	25 Years
2	5HP Solar Submersible Pump (V6 : AC-DC) - <b>Raimond</b>	1 No	24 Months
3	Solar Pump Controller/VFD - <b>Raimond</b>	1 No	24 Months
4	Solar PV Module Structure (GI)	1 No	
5	Structure Foundation Purpose Concrete work	1 No	
6	4mm 3core cable (For VFD to Submersible Pump)	31Mtr	
7	10mm Single Core Cable (For Panel to VFD)	40Mtr	
8	Earthing Connection	1 No	
9	A 150mm PVC Pipe - 5 Nos (30mtr)	1 No	
	B 100mm PVC Pipe - 8 Nos (48mtr)		
	C 100mm Filter - 7 Nos (13mtr)		
10	1 60mm Colum Pipe - 8 Nos (24mtr)	1 Set	
	2 2½" Adaptor Socket - 1 No		
	3 Wall Cover 6" - 1 No		
	4 2½" Nail Clamp - 1 No		
	5 2½" GI Elbow - 1 No		
	6 2½" MTA (GI) - 1 No		
	7 2½" GI Pipe 1" - 1 No		

Mechanical Characteristics of 5HP SolarSubmersible Pump	Outlet Size	RPM	KW	Pump Dia	Bore Dia	Head in Mtr	Water can lifted P/H	Water can lifted P/D
	64 mm	2800	3.5	142 mm	150 mm	30 mtr	24000 Ltr	144000 Ltr





**7.5HP Solar Agriculture Project**

## Product Description

### 7.5HP Solar Submersible Pump

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar PV Module 545wp, 24V - Raimond	13 Nos	25 Years
2	7.5HP Solar Submersible Pump (V6 - AC-DC) - Raimond	1 No	24 Months
3	Solar Pump Controller/VFD - Raimond	1 No	24 Months
4	Solar PV Module Structure (GI)	1 No	
5	Structure Foundation Purpose Concrete work	1 No	
6	4mm 3core cable (For VFD to Submersible Pump)	31 Mtr	
7	10mm Single Core Cable (For Panel to VFD)	50 Mtr	
8	Earthing Connection	1 No	
9	A 150mm PVC Pipe - 5 Nos (30mtr)	1 No	
	B 100mm PVC Pipe - 8 Nos (48mtr)		
	C 100mm Filter - 7 Nos (13mtr)		
10	1 60mm Colum Pipe - 8 Nos (24mtr)	1 Set	
	2 2½" Adaptor Socket - 1 No		
	3 Wall Cover 6" - 1 No		
	4 2½" Nail Clamp - 1 No		
	5 2½" GI Elbow - 1 No		
	6 2½" MTA (GI) - 1 No		
	7 2½" GI Pipe 1' - 1 No		

Mechanical Characteristics of 7.5HP SolarSubmersible Pump	Outlet Size	RPM	KW	Pump Dia	Bore Dia	Head in Mtr	Water can lifted P/H	Water can lifted P/D
	64 mm	2800	4.4	142 mm	150 mm	30 mtr	36000 Ltr	216000 Ltr

## Water Cooling Machine & Solar Off-Grid System



**80Ltr Water Cooling Machine**



**120Ltr Water Cooling Machine**



**150Ltr Water Cooling Machine**

### 80Ltr Water Cooling Machine 120Ltr Water Cooling Machine 150Ltr Water Cooling Machine

No	Mechanical Characteristics of Water Cooling Machine	
1	Tank Capacity	80Ltr
2	Cooling	40Ltr Per Hour
3	Height	1200mm
4	Breath	400mm
5	Depth	400mm
6	Body Materials	SS 304
7	AMPS	2
8	Volt	220

No	Mechanical Characteristics of Water Cooling Machine	
1	Tank Capacity	120Ltr
2	Cooling	80Ltr Per Hour
3	Height	1200mm
4	Breath	600mm
5	Depth	450mm
6	Body Materials	SS 304
7	AMPS	2.5
8	Volt	220

No	Mechanical Characteristics of Water Cooling Machine	
1	Tank Capacity	150Ltr
2	Cooling	100Ltr Per Hour
3	Height	1270mm
4	Breath	812mm
5	Depth	508mm
6	Body Materials	SS 304
7	AMPS	3.5
8	Volt	220



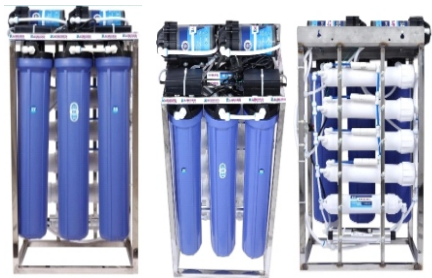
Water Cooling Machine will run by 1kwp Solar Off-Grid System

### 1kwp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 545wp Mono Perc - Raimond	2 Nos	25 Years
2	Lithium Po4 Battery 100Ah, 25.6V - Raimond	2 Nos	60 Months
3	Solar Inverter 2.2kva24 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	6 mm Single Core Cable (Module- Battery)	40mtr	
6	PVC Switch Board, Switch + Plug	1 Set	

NB : If anybody wants he/she can take 100Ah (12V) x 2 Nos Lead-Acid Battery instead of Lithium Po4 Battery





RO (Reverse Osmosis)

## 50 LPH RO Machine with UV

No	MATERIAL DESCRIPTION	QTY
1	Booster Pump (1.2Amp, 24Volt)	2 Nos
2	AC-DC Adaptor (Input Current 220V & Out Put DC 2Amp, 24Volt)	2 Nos
3	Iron Removal Filter	1 No
4	Sediment Pre Filter	1 No
5	Carbon Filter	1 No
6	RO Membrane	1 No
7	Post Carbon Filter	1 No
8	Post Carbon filter	1 No
9	Post Sediment Filter	1 No
10	Mineral Enhancer membrane	1 No
11	UV (Ultraviolet) Machine	1 No



RO will run by 400wp Solar Off-Grid System

## 400wp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 200wp Mono Perc - Raimond	2 Nos	25 Years
2	Lithium Po4 Battery 100Ah, 12.8V - Raimond	1 No	60 Months
3	Solar Inverter 1100VA 12 volt - Exide/Eapro	1 No	24 Months
4	Panel Mounting Structure	1 No	
5	4 mm Double Core Cable (Module- Battery)	13mtr	
6	PVC Switch Board, Switch + Plug	1 Set	

NB : If anybody wants he/she can take 100Ah (12volt) Lead-Acid Battery instead of Lithium Po4 Battery



UV Machine

## UV MACHINE

No	MATERIAL DESCRIPTION
1	Height : 500mm
2	Body : Stainless Steel
3	OD : 113mm
4	SpumCartidge : 500 x 113mm



UV will run by 10wp Solar Off-Grid System

## 10wp Solar Off-Grid

No	MATERIAL DESCRIPTION	QTY	Warranty
1	Solar Module 10wp - Raimond	1 No	25 Years
2	Battery 6Ah, 12V -HBL/Exide	1 No	12 Months
3	Converter 200VA, 12 volt	1 No	12 Months
4	Solar Charge Controller 10Amp - Raimond	1 No	12 Months
5	Panel Mounting Structure	1 No	
6	1mm Double Core Cable (Module- Battery)	8mtr	

NB : If anybody wants he/she can take 100Ah (12volt) Lead-Acid Battery instead of Lithium Po4 Battery

## BENEFIT OF PURIFIED DRINKING WATER

- **Improved Hydration** : Contaminants in untreated water can affect taste and texture, potentially discouraging people from drinking enough water. Purified water's improved taste & quality make it more appealing, encouraging increased consumption & better overall hydration.
- **Better Digestion** : Purified water helps to flush our toxin & waste products from our body, which can improve our digestion.
- **Stronger Immune System** : Drinking clean & pure water promotes a strong immune system primarily by ensuring proper hydration .
- **Reduced Risk of Kidney Stones** : A study has highlighted that the consumption of hard water can elevated the risk of kidney stone formation.
- **Weight Loss** : According to research water can aid weight loss. Consuming water that is purified can assist in weight loss by promoting feelings of fullness when consumed before meals.
- **Athletic Performance** : Purified water helps enhance athletic performance by maintaining proper hydration levels critical for endurance, muscle function and temperature regulation. It builds energy levels, mental focus and aids post workout recovery by flushing out waste products.
- **Reduced Risk of Chronic diseases** : Purified water can contribute to the reduction of chronic diseases by eliminating contaminants and toxins that may be present in untreated water, thereby reducing exposure to harmful substances linked to chronic illness.





# solar energy



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