

# PRODUCT CATALOGUE 2025



## POWERTECH ENERGY SOLUTIONS

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Model#PES/EVLI/003



**Suitable for**  
Lithium-ION & LFP Battery



Available  
Output Connector

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led  
Outer Body Material : Sheet metal Powder coated  
Size : L:166mm, W:98mm, H:70mm Weight : 1Kg

### Available Model

Model	Max. Dc Volt.	Max Current
24V3Amp.	29.00V	3 Amp. $\pm 1\%$
36V3Amp.	42.00V	3 Amp. $\pm 1\%$
48V3Amp.	54.00 to 59.00V	3 Amp. $\pm 1\%$

Model#PES/EVLI/006



**Suitable for**  
Lithium-ION & LFP Battery



Available  
Output Connector

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led  
Outer Body Material : Sheet metal Powder coated  
Size : L:190mm, W:112mm, H:70mm Weight : 1.5Kg

### Available Model

Model	Max. Dc Volt.	Max Current
12V5-10Amp.	14.6.00V	5 & 10 Amp. $\pm 1\%$
24V5-10Amp.	29.00V	5 & 10 Amp. $\pm 1\%$
36V5Amp.	42.00V	5 Amp. $\pm 1\%$
48V6Amp.	54.00 to 59.00V	6 Amp. $\pm 1\%$
60V5Amp.	67.00 to 73.00V	5 Amp. $\pm 1\%$
72V4Amp.	84.00 to 87.00V	4 Amp. $\pm 1\%$

Model#PES/EVLI/006-D



With  
**DIGITAL**  
Display

**Suitable for**  
Lithium-ION & LFP Battery



Available  
Output Connector

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led with Digital Display  
Outer Body Material : Sheet metal Powder coated  
Size : L:190mm, W:112mm, H:70mm Weight : 1.5Kg

### Available Model

Model	Max. Dc Volt.	Max Current
24V5Amp.	29.00V	5 & 10 Amp. $\pm 1\%$
36V5Amp.	42.00V	5 Amp. $\pm 1\%$
48V6Amp.	54.00 to 59.00V	6 Amp. $\pm 1\%$
60V5Amp.	67.00 to 73.00V	5 Amp. $\pm 1\%$
72V4Amp.	84.00 to 87.00V	4 Amp. $\pm 1\%$

Model#PES/EVLI/010-D

With  
**DIGITAL**  
Display



Available Output Connector



**Suitable for**  
Lithium-ION & LFP Battery

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led  
Outer Body Material : Sheet metal Powder coated  
Size : L:190mm, W:130mm, H:70mm Weight : 3Kg

### Available Model

Model	Max. Dc Volt.	Max Current
48V12Amp.	54.00 to 59.00V	12 Amp. $\pm 1\%$
60V10Amp.	67.00 to 73.00V	10 Amp. $\pm 1\%$
72V10Amp.	84.00V	10 Amp. $\pm 1\%$

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 4 Led Battery Charge Status Bar graph  
Outer Body Material : Aluminium Channel with Powder coated  
Size : L:245mm, W:150mm, H:90mm Weight : 4Kg.

### Features :-

- Reverse Battery Protection
- Deep Discharge Charging Function
- Micro Controller based SMPS Charger
- Gravity Booster for Lead Acid Battery,
- Short Circuit & Over load protection
- 1000 W max, CV-CC-CV based battery Charger

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 4 Led Battery Charge Status Bar graph  
Outer Body Material : Sheet metal Powder coated  
Size : L:245mm, W:98mm, H:90mm Weight : 3Kg

### Available Model

Model	Max. Dc Volt.	Max Current
48V	55.00V	22 Amp. $\pm 1\%$
60V	72.00V	18 Amp. $\pm 1\%$
72V	84.00V	15 Amp. $\pm 1\%$

### Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led  
Outer Body Material : Sheet metal Powder coated  
Size : L:3000mm, W:145mm, H:95mm Weight : 6.25Kg

### Available Model

Model	Max. Dc Volt.	Max Current
48V40Amp.	Any	40Amp. $\pm 1\%$
60V35Amp.	Any	35 Amp. $\pm 1\%$
72V30Amp.	Any Upto 84.00	30 Amp. $\pm 1\%$

Model#PES/EVLI/015



Available Model for Lithium Battery

48V/20A  
48V/17A  
48V/15A  
60V/17A  
60V/15A

**Suitable for**  
Lithium-ION & LFP Battery

Model#PES/EVLI/022

With  
**CAN**  
interface



**Suitable for**  
Lithium-ION & LFP Battery

Model#PES/EVLI/0040

**mahindra**  
**TREO**  
&  
**BAJAJ**  
**PIAGGIO**



Multi Purpose  
Charger with LCD Screen  
Select Any DC Volt. 48 to 84V  
and Output Current As per your need

# Lead-Acid Battery Charger

Model#PES/EVLA/003  
Model#PES/EVLA/006



Suitable for  
Lead-Acid Battery



Available  
Output Connector

## Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 2 Led  
Outer Body Material : Sheet metal Powder coated  
Size : L:166/190mm, W:98/112mm, H:70mm Weight : 1Kg./1.5kg.

## Available Model

Model	Max Current
12V	3 Amp. & 5Amp. $\pm$ 1%
24V	3 Amp. & 5Amp. $\pm$ 1%
36V	3 Amp. & 5Amp. $\pm$ 1%
48V	3 Amp. & 5Amp. $\pm$ 1%
60V	3 Amp. & 5Amp. $\pm$ 1%
72V	3 Amp. & 5Amp. $\pm$ 1%

Model#PES/EVLA/015



**LEAD ACID**  
Battery Charger

Available Model  
for  
Lead Acid Battery

48V/17A  
48V/15A  
60V/17A  
60V/15A

## Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 4 Led Battery Charge Status Bar graph  
Outer Body Material : Aluminium Channel with Powder coated  
Size : L:245mm, W:150mm, H:90mm Weight : 4Kg.

### Features :-

- Reverse Battery Protection
- Deep Discharge Charging Function
- Micro Controller based SMPS Charger
- Gravity Booster for Lead Acid Battery,
- Short Circuit & Over load protection
- 1000 W max, CV-CC-CV based battery Charger

Model#PES/EVLI/035



Available Model  
for  
Lithium Battery

48V/35A  
48V/30A  
60V/30A  
60V/25A

**Lithium**  
Battery Charger

## Specification

Ac Voltage : 180-320 VAC~  
Output over Protection : Yes  
Auto Cut Mode : Yes  
Visual LED Indication : 4 Led Battery Charge Status Bar graph  
Outer Body Material : Aluminium Channel with Powder coated  
Size : L:270mm, W:183mm, H:185mm Weight : 8Kg.

### Features :-

- Reverse Battery Protection
- Deep Discharge Charging Function
- Micro Controller based SMPS Charger
- Short Circuit & Over load protection
- 1000 W max, CV-CC-CV based battery Charger

## About us :-

Powertech Energy Solutions is a technology company that specializes in the manufacturing of **electric vehicle charger & SMPS Based Products**. With 5 Years of experience in EV Chargers and 23 Years of experience in POWER ELECTRONICS, we are committed to delivering top-quality products to our customers.