



MOONDAY

Every day is a Moonday



OA601-512100MTMTND-WHWHSL  
OA601-512200MTMTND-WHWHSL

## PowerPod

With a robust IP65-rated enclosure, it's built to withstand rain, dust, and temperature swings – perfect for balconies, patios, sheds, or garages where indoor mounting isn't ideal.

### Product Features



High Efficiency  
Max. efficiency 100%



Easy installation  
Easy installation low maintenance



IP65 Weatherproof

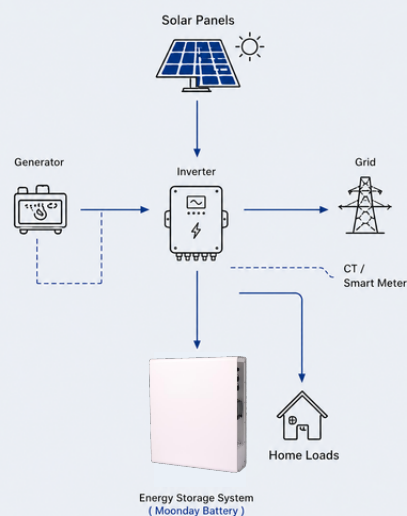


Perfect Compatibility  
Work with leading branded inverters

### QUICK SPECIFICATIONS \*

|                                                                                     |                        |                 |
|-------------------------------------------------------------------------------------|------------------------|-----------------|
|  | Rated Power            | 5.12 kW         |
|  | Battery Voltage        | 51.2 V          |
|  | Max Charging Current   | 100A            |
|  | Max Efficiency         | ≥98%            |
|  | Protection Degree      | IP65            |
|  | Dimension ( D x W x H) | 475 x 550 x 174 |
|  | Weight                 | 50 kg           |

### APPLICATION DIAGRAM



\*measurement for 100A



[www.moondayenergy.com](http://www.moondayenergy.com)

## Basic Parameters

|                         |                         |
|-------------------------|-------------------------|
| Rated Voltage           | 51.2V                   |
| Rated Capacity          | 100/200 Ah              |
| Rated Energy            | 5.12 / 10.24 kWh        |
| Combination Method      | 16S1P                   |
| Cycle Life              | ≥6000 cycles<br>@80%DOD |
| Self Discharge          | 1%/months               |
| Efficiency of Charge    | ≥97%                    |
| Efficiency of Discharge | ≥98%                    |

## Charge

|                          |            |
|--------------------------|------------|
| Charge Voltage           | 57.6V      |
| Charge Current (Recomm.) | 20A        |
| Charge Current (Max.)    | 100/ 200 A |

## Discharge

|                            |             |
|----------------------------|-------------|
| Discharge Cut-off Voltage  | 43.2V       |
| Discharge Current(Recomm.) | 100 / 200 A |
| Discharge Current(Max.)    | 120A        |

## Environment

|                       |               |
|-----------------------|---------------|
| Charge Temperature    | 0°C to 60°C   |
| Discharge Temperature | -20°C to 60°C |
| Humidity              | 5% to 95%     |

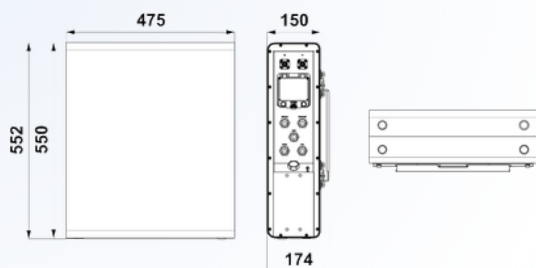
## Physical Characteristics

|            |                                           |                    |                 |
|------------|-------------------------------------------|--------------------|-----------------|
| Dimension  | 552 x 515 x 772 mm<br>552 x 515 x 1252 mm | IP Class           | IP 65           |
|            |                                           | Case Material      | Metal           |
| Net Weight | 50 / 97 kg                                | Others( optional ) | WIFI, Bluetooth |

## Product Features



## Dimensions



## Certifications

