

Features

- Built-in 140A MPPT solar charger(only for 24V/48V);
- PV input voltage range 60-500VDC
- Smart battery charge design to optimize battery life
- Built-in anti-dust kit for harsh environment
- Timed charging
- Countable power generation (day/month/year)



IP21 Ingress Protection



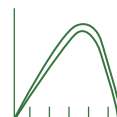
Suitable For Multiple Types Of Batteries



Supports High Current Startup

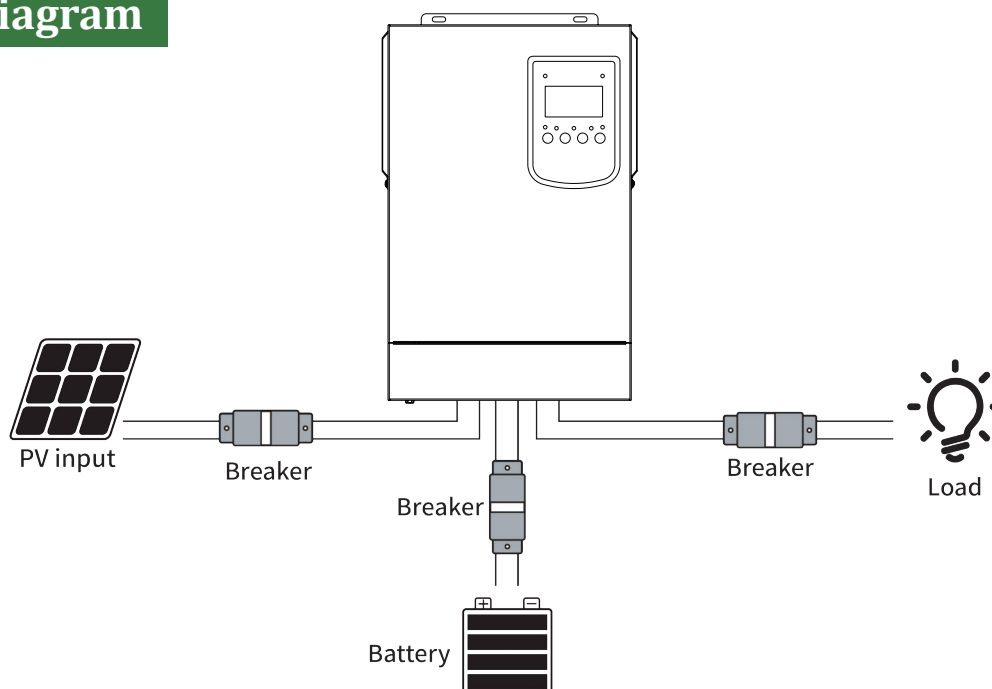


Max Efficiency 98%



140A MPPT

System Diagram





Specifications

| Model | MPPT/WHC 24140F | MPPT/WHC 48140F |
|---------------------------------------|---|-----------------|
| BATTERY | | |
| Battery Voltage | 24VDC | 48VDC |
| Floating Charge Voltage | 27VDC | 54VDC |
| Overcharge Protection | 31VDC | 62VDC |
| Charging Current | 140A | |
| SOLAR CHARGER | | |
| Solar Charger Type | MPPT | |
| Maximum PV Array Power | 4200W | 6500W |
| MPPT Range @ Operating Voltage | 60~450VDC | |
| Maximum PV Array Open Circuit Voltage | 500V | |
| Number of MPPT Trakers/Maximum | 1/22A | |
| input current | 1/22A | |
| PHYSICAL | | |
| Dimension,D*W*H(mm) | 380*249*115 | |
| Cartoon Dimension,D *W*H(mm) | 435*310*180mm | |
| Net Weight(kgs) | 5.6kg | 5.8kg |
| Gross Weight(kgs) | 6.2kg | 6.4kg |
| OPERATING ENVIRONMENT | | |
| Humidity | 5% to 95% Relative Humidity(Non~condensing) | |
| Operating Temperature | -10°C~50°C | |
| STANDARD | | |
| Compliance Safety | CE | |