

SOLGLOW

SolGlow-M1/M2/M3



Product Overview

The SolGlow is a device providing lighting services and DC power supply to residents in areas with no or unstable electricity. It offers ease of use, requires no maintenance, is portable, and adapts to a wide array of application scenarios. We offer customization of capacity and operating modes as per user requirements.



Adopting solar power with carbon emissions of 0



Its expected life is 10 years, using lithium iron phosphate battery, with the times of cycle use upto 3000 or more



Its internal voltage is lower than the safe voltage limit, equipped with built-in perfect battery protection program, and V0 flame retardant shell



Ip34 protection against harsh environments



It provides PV and adapter dual input



but also a DC-powered fan, supporting USB charging interface, etc., with inverter to support more household appliances



| Model | SolGlow -M1 | SolGlow -M2 | SolGlow -M3 |
|----------------------------------|--|--|-------------|
| Photovoltaic panel | 50Wp | 100Wp | 150Wp |
| Battery capacity | 138 Wh | 276 Wh | 414 Wh |
| Battery voltage | 10-14.6V | | |
| Battery Type | Lithium iron phosphate battery, remaining capacity of the full capacity of 2000 cycle > 80% | | |
| Controller | 12 V/15 A with MPPT, and 32-Bit Microprocessor | | |
| Charger | 2A | 6A | 6A |
| LED lamp | 3W×2 | 3W×1+5W×1 | 5W×2 |
| Lamp cable | 8 m, dimmable | | |
| USB | 2-wire 5V2A | 2-wire: QC5.0, 24 W max | |
| FAN | 12 V/12 W floor-type 16 inch brushless DC fan, with three gears adjustable, and a rotating head | | |
| Inverter | 无 | External 220 V/50 HZ/150 W, modified sine wave | |
| Protection Features | Protection for overcharge and over-discharge, overload, short circuit, reverse current, reverse connection | | |
| Status display | LCD screen, displaying battery power, remaining time, working status, fault information, etc | | |
| Operating Temperature | Charge at 0°C ~ 55°C; discharge at -20°C ~ 60°C | | |
| Storage Temperature | -20°C-55°C | | |
| Humidity | ≤80%RH | | |
| Altitude | ≤3000m | | |
| Protection Grade | IP34 | | |
| Installation method | Desktop or wall mounted | | |
| Certification & Safety Standards | CE .un38.3 | | |