

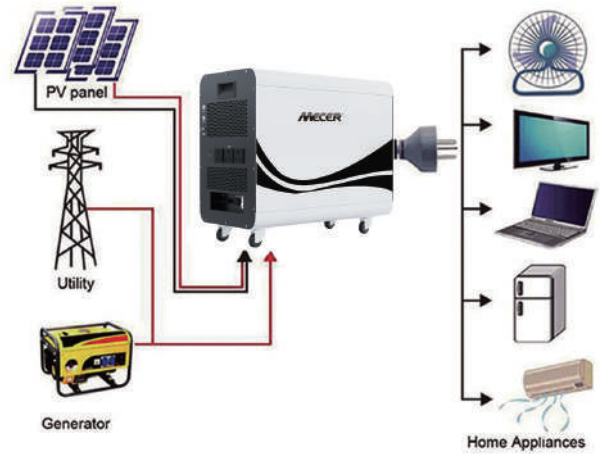


# Solar Energy Storage System Plug and Play AC Output Socket



## Features:

1. 5kWh backup storage
2. LiFePO4 Lithium battery providing a longer service life
3. Plug and play
4. Mobile



ALL-IN-ONE SOLAR ENERGY STORAGE SYSTEM

## Solar Energy System



Solar Generator



## Gas generators




Gas Generator

Cost  
Noise Level (7m)  
Ease of Use  
Environment  
Installation Method  
Running Cost

Cost Once  
7dB  
Press a button to start  
Zero CO2  
Freely Move with wheels  
Zero (Free Solar)

Ongoing costs of diesel and gasoline  
70dB  
Complicated start up  
500g/H CO2  
Heavy to carry  
Ongoing costs



# Technical Parameter

| Model                              | SOL-I-BB-M3L   |
|------------------------------------|--|
| <b>●Inverter Parameter</b>         |  |
| Inverter Power:                    | 3000W  |
| AC Output Voltage:                 | 220/230Vac 50Hz ± 0.3Hz / 60Hz ± 0.3Hz   |
| AC Input:                          | 220/230Vac 50Hz ± 0.3Hz / 60Hz ± 0.3Hz ; Charge Current: 8A  |
| Output Wave Form:                  | Pure Sine Wave   |
| Transfer Time (UPS):               | 10ms (Typical Value)   |
| Efficiency:                        | >92%   |
| PV Charge:                         | 120-500Vdc   |
| Max. PV Power:                     | 4000W (Maximum PV Input Current:80A)   |
| <b>●Battery Parameter</b>          |  |
| Battery type:                      | <b>Lithium LiFePO4 Battery</b>   |
| Nominal Voltage:                   | 51.2V  |
| Nominal Capacity:                  | 105Ah  |
| Nominal Energy:                    | 5376WH   |
| Voltage Working Range:             | 40-58.4V   |
| Max. Continuous Discharge Current: | 100A   |
| Cycle Life*:                       | ≥6000 cycles<br>(*Test Condition: 80% DOD, 0.2C current @25°C)   |
| BMS Protection:                    | Overcharge, Overdischarge, Overcurrent, Shortcircuit, Over temperature protections   |
| Operating Temperature:             | Charge: 0°C~45°C; Discharge: -10°C~55°C; Storage: -10°C~45°C   |
| <b>●Product Design</b>             |  |
| AC Output Port:                    | 3*AC Output ( South Africa socket)   |
| AC Input Port:                     | 1*AC Input Port  |
| DC Input:                          | MC4 Connector  |
| DC Output:                         | 5V 2A USB Port*2   |
| LCD Screen:                        | Working mode setting, checking system info, etc  |
| Install Method:                    | Mobile type with wheels  |
| Warranty:                          | 2 Years Warranty   |
| Dimension & Weight                 | 710*581*339mm(With wheels) 66KG  |
| Enclosure Protection:              | IP20   |
| Humidity:                          | ≤95%   |
| Certificates:                      | Battery Cell: UL1973/IEC62619/CE/UN38.3/UN38.3;<br>Inverter: CE/UL/IEC/FCC/ROHS/SAA<br>MECER SOL-I-BB-M3: CE(EMC+LVD)/IEC62368 |