

Rack Mounted LV ESS 100E LV



10Years Warranty
Long Life



Under Voltage
Automatic Restart



6000Cycle
@80% Dod



Easy Installation
Rack Mounted



High
Efficiency



Expandable
System



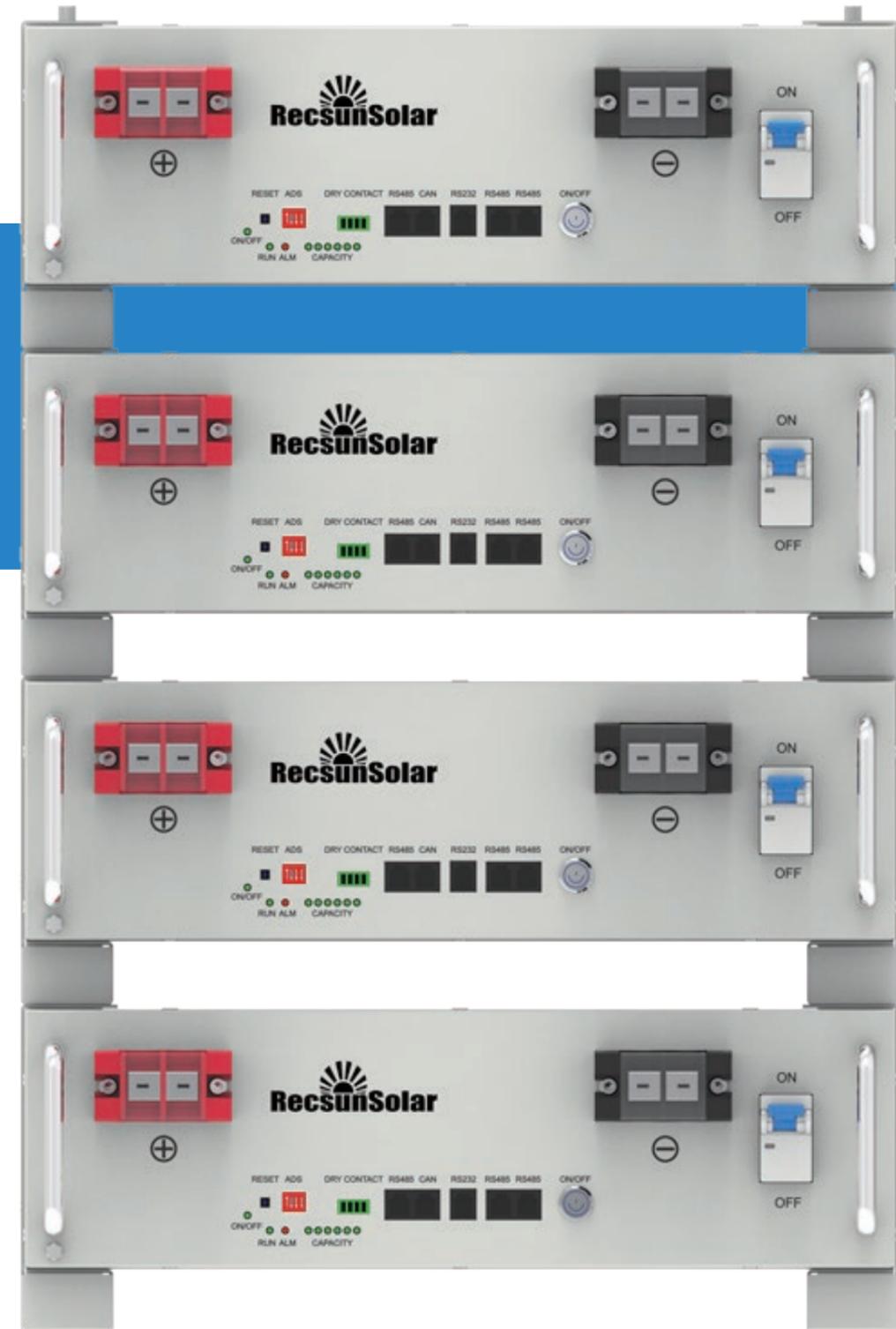
One Hour
Quick Charge



IP21
Protection



Remote Diagnosis
Softeware Upgrades



| PARAMETER | RL100E-5K | RL100E-10K | RL100E-15K | RL100E-20K | RL100E-25K |
|-------------------------------|--|---------------|---------------|---------------|---------------|
| Model | 51.2V 100Ah*1 | 51.2V 100Ah*2 | 51.2V 100Ah*3 | 51.2V 100Ah*4 | 51.2V 100Ah*5 |
| Battery Cell Type | 3.2V 100Ah | 3.2V 100Ah | 3.2V 100Ah | 3.2V 100Ah | 3.2V 100Ah |
| Cell Connection | 1P16S*1 | 1P16S*2 | 1P16S*3 | 1P16S*4 | 1P16S*5 |
| Nominal Voltage | 51.2V | 51.2V | 51.2V | 51.2V | 51.2V |
| Nominal Capacity | 5.12KWh | 10.24KWh | 15.36KWh | 20.48KWh | 25.60KWh |
| Dimension | 495*550*190mm | 495*550*360mm | 495*550*550mm | 495*550*740mm | 495*550*930mm |
| Weight(Kg) | 45Kg | 90Kg | 135Kg | 180Kg | 225Kg |
| Discharge Cut-Off Voltage | 40V | 40V | 40V | 40V | 40V |
| Charge Cut-Off Voltage | 56.8V | 56.8V | 56.8V | 56.8V | 56.8V |
| Rec. Charge/Discharge Current | 50A | 50A | 120A | 150A | 200A |
| Max. Charge/Discharge Current | 100A | 200A | 200A | 300A | 300A |
| Communication | RS485/RA232/CAN | | | | |
| Operation Temperature | 0°C - 50°C/Charge; -10°C - 50°C/Charge | | | | |
| Storage Temperature | -20°C - 60°C | | | | |
| Design Life | 15+ Years | | | | |
| Cycle Life | (0.5C/0.5C - 80%DOD) > 6000 Times | | | | |
| Parallel Function | Support 15 Units in Parallel | | | | |
| Certification | CE/IEC/UL/UN38.8/MSDS/ROHS | | | | |