

Lithium-ion Battery Module

LD-52

51.2V

5.12kWh

Pakistan's only Battery with

135A
CONSTANT
Discharge Current



IP40 Protection

IP40 Rated (Indoor Use Only)



6000 Life Cycles

6000+ Life Cycles of Battery



Built-in Wifi

Wifi Controller For Remote Access



Remote Updates

Can Update Remotely



Touch Screen LED

User Friendly LED



SCAN QR CODE

For More Details

DATA SHEET

| | |
|--------------------------|----------------------------------------------------------------|
| Battery type | LFP |
| Battery component | 1P16S |
| Nominal voltage | 51.2 V |
| Operating voltage range | 44.8 ~ 58.4 V |
| Rated capacity | 100 Ah |
| Nominal energy | 5.12 kWh |
| Recommended current | 100 A |
| Max. Current | Charge: 100 A, Discharge: 135 A |
| Peak current | 200 A (10s, 25°C) |
| Cycle life | >6000 Cycles |
| Communication interfaces | CAN / RS485 |
| HMI | 3.5 inch LCD touchscreen + Status Light + SOC power indicators |
| Operation temperature | Charge: 0 ~ 55°C, Discharge: -20 ~ 55°C |
| Storage temperature | -20 ~ 30°C (12 months), 30 ~ 60°C (6 months) |
| Single string quantity | 16 pcs |
| Dimension (W x H x D) | 335 x 626 x 169 mm |
| Weight | N.W: 42.0 KG - G.W: 46.0 KG |
| Installation type | Wall / Floor / Rack mounting |
| Enclosure protection | IP40 (Indoor Use Only) |
| Cooling concept | Natural cooling |
| Humidity | 20 ~ 85% RH (non-condensing) |
| Altitude | <3000 m |
| Certification | IEC 62477, IEC 62619, IEC 60730, IEC 63056, IEC 61000, UN38.3 |
| Warranty | 5 Years |