

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