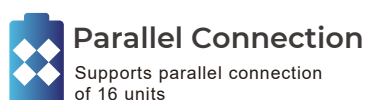
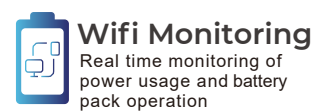


TECHNICAL DATA SHEET

51.2V 314Ah



PRODUCT FEATURES



General & Supply Chain Parameters

Internal Model Ref.	LFP 16076M
Cell Manufacturer	Cornex
Nominal Voltage	51.2V
Nominal Capacity	314Ah
Nominal Energy	16.1 kWh
Life Cycle	Upto 8000 Cycle @80% DOD, 25°C, 0.5C, 60% EOL
Recommended DOD	80%
Standard Warranty	10 Years

Charge & Discharge Specifications

Operating / Range Voltage	44.8V ~ 57.6V
Recommended Charge Voltage	57.6V
Recommended DisCharge Voltage	48V
Recom. Charge Current	140A~150A
Recom. Discharge Current	140A~150A
Max Charge Current	150A ~ 200A
Peak Pulse Discharge	200A~240A (3s~10s)

Environment & Mechanical Parameters

Charge Temperature	0°C to 55°C
Discharge Temperature	-10°C to 55°C
Enclosure IP Rating	IP-20
Net Weight	116 kg ~ 130 kg
Dimensions (L x W x H)	450 x 752 x 235 mm
Installation Type	Floor Mount / Wheel Base

Features & Connectivity

Parallel Scalability	Up to 16 Units
Hardware Safety	BMS + DC Breaker
Wireless Connectivity	Wi-Fi & Bluetooth
Communication Ports	CAN / RS485
User Interface	Touch Screen LED Interface