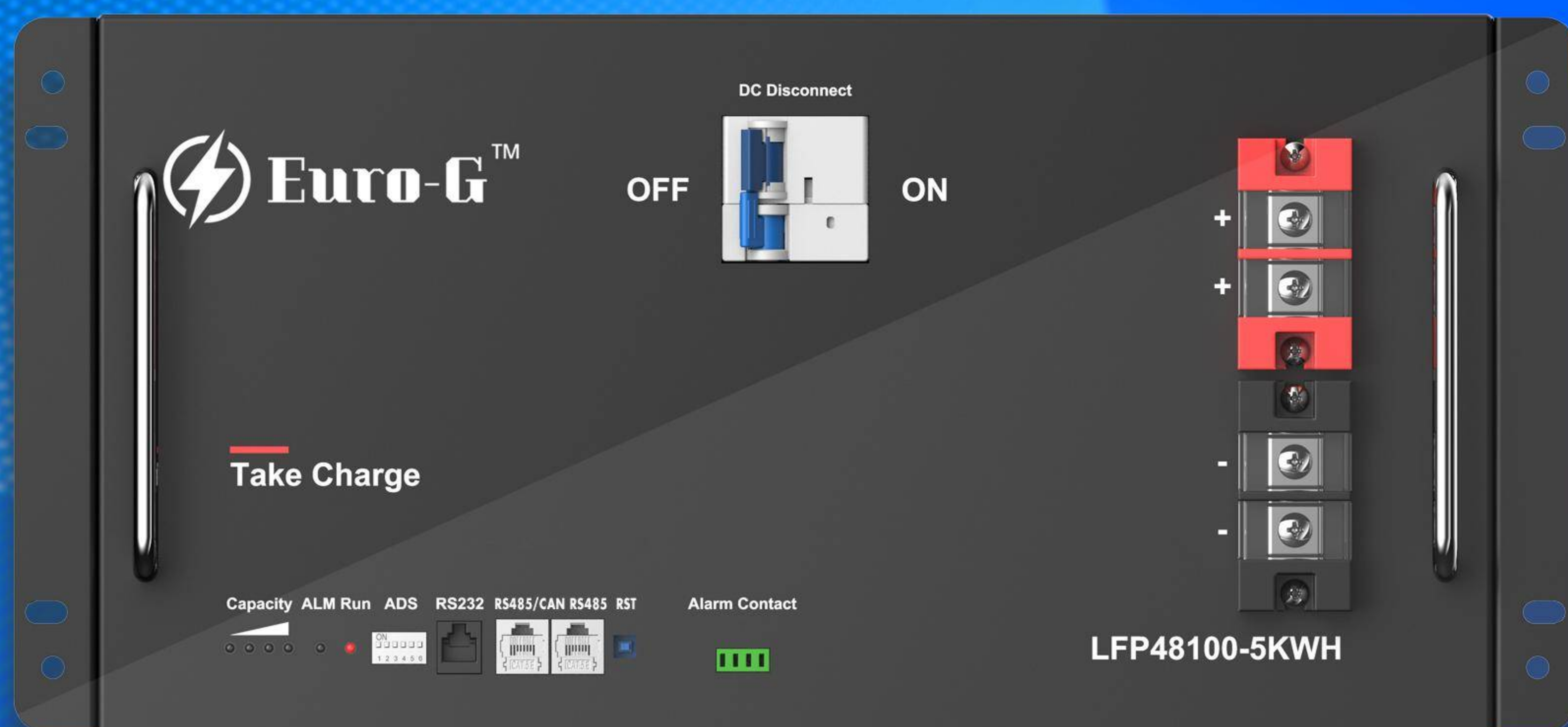




LFP 48V100Ah

- Lithium Iron Phosphate(LFP) cell guarantees safety and reliability
- Easy to install
- Suitable for a wide range of inverters with 48V system
- Battery module can be fully charged in a shorter amount of time
- Maximum Lifecycle:
6000 cycles : 80% DOD with >80% capacity"
10000 cycles : 50% DOD with >50% capacity



6000 cycles
at 80% DOD



1C/1C continual
charge and discharge



10 years
Limited warranty



Superior LiFePO4
safety performance



Low voltage
safety connection

BATTERY MODULE FOR INVERTER

MODEL	LFP 48V100Ah
Battery Cell Technology	Lithium Iron Phosphate
Usable Energy	5kWh
Rated Discharging Current	100A
Peak Discharging Current	150A,1 min
Nominal Voltage	51.2V
Operating Voltage	40-56 VDC
Charging Current	100A Max
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	482 x 420 x 222
Net Weight (kgs)	48
IP Protection	IP30
INTERACE	
Communication Port	RS485 port (RJ45), CAN
LED Indicator	LED indicates the battery capacity and opration status
Parallel Function	Yes, 16 units ≤6KW, 2~16 Battery Module in parallel ≤10W, 3~16 Battery Module in parallel
ENVIRONMENT	
Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	0 to 50°C
Storage Temperature (At 50% SOC and specified temp, recoverable capacity in % vs time / 50%	<18 months:-20°C~25°C
	<3 months:25°C~45°C
	<1 months:45°C~60°C
	20°C ± 5 °C is the recommended storage temperature
Certifications	UN38.3, UL1973, UL1642, CE