



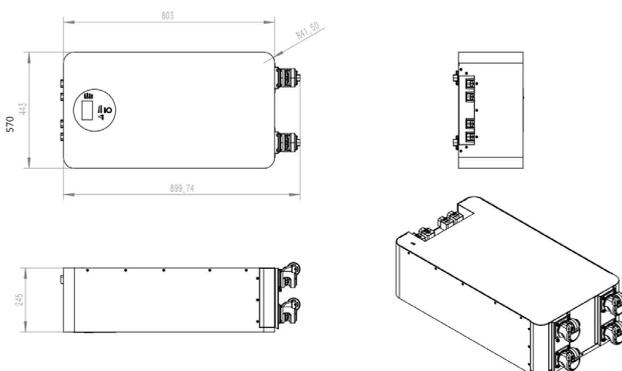
ML280-51.2-W05

Lithium-ion battery system

ML280-51.2-W05, a powerful 51.2V LiFePO₄ battery product, has been especially designed to provide power backup for remote or outdoor telecom sites. Its modular design enables parallel installation meeting also the needs for larger power back up.



Drawing





Benefits

- Deep cycle backup power solutions
- Easy installation and expansion
- High operational reliability
- Optimized supervision strategy through Bluetooth/WiFi
- Excellent long life time
- High energy density
- Built-in intelligent BMS to protect the battery pack at any time and prolong its service life

Specifications

Nominal Characteristics		
Battery Model	ML280-51.2-W05	
Nominal Voltage	51.2 V	
Typical Capacity	280Ah(25 °C,0.2C)	
Typical Energy	14,336 kWh	
Cycling Lifespan	8000	
Dimensions	Width	443mm
	Height	899.74mm
	Depth	245mm
Reference Weight	119.1 Kg	
Electrical Characteristics		
Voltage Window	46.4~56.2 V	
Charge Voltage Range	56±0.2 V	
Max. Permanent Discharge Current	200A	
Max. Permanent Charge Current	200A	
Peak Charging Current	210A(1min)	
Peak Discharging Current	210A(1min)	
Communication Interface (optional feature)	RS232 /double RS485/CAN	
Display	Touch color LCD	
wifi	yes	
bluetooth	yes	
Operation Environment		
Charge Temperature	0°C to +55°C	
Discharge Temperature	-20°C to +60°C	
Storage Temperature	-20°C to +60°C	
Protection Class	IP20	