



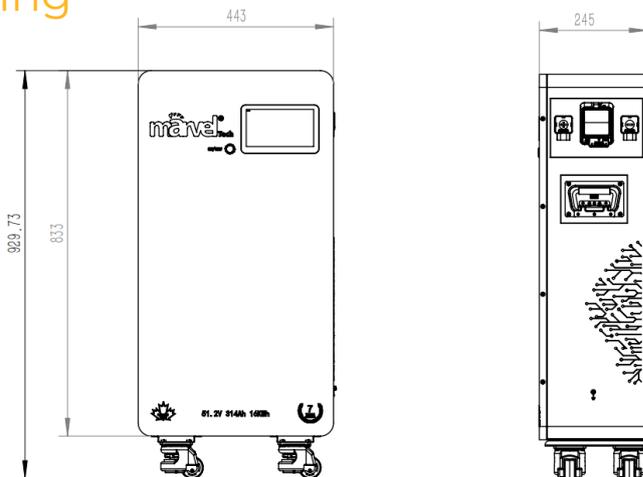
# ML314-51.2-W05

## Lithium-ion battery system

ML314-51.2-W05, a powerful 51.2V LiFePO<sub>4</sub> 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
- 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		ML314-51.2-W05
Nominal Voltage		51.2 V
Typical Capacity		314Ah(25 °C,0.2C)
Typical Energy		16076.8kWh
Cycling Lifespan		8000
Dimensions	Width	443mm
	Height	929.73mm
	Depth	245mm
Reference Weight		124.09Kg
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
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