



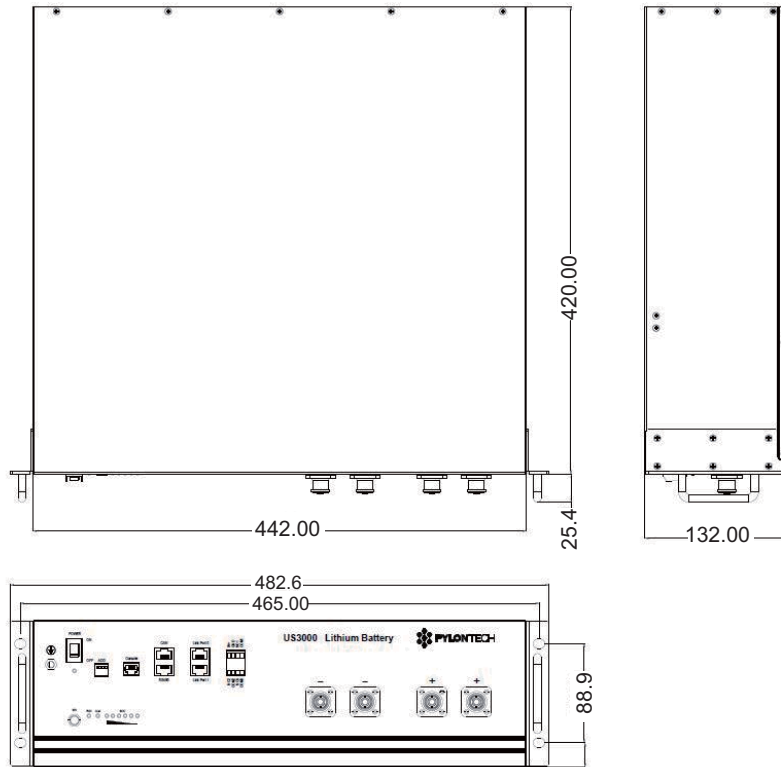
PYLONTECH



Rechargeable Li-ion Battery US3000 Product Manual

Information Version: 2.1

2.2 Specifications



Basic Parameters	US3000
Nominal Voltage (V)	48
Nominal Capacity (Wh)	3552
Usable Capacity (Wh)	3200
Dimension (mm)	442*420*132
Weight (Kg)	32
Discharge Voltage (V)	45 ~ 53.5
Charge Voltage (V)	52.5 ~ 53.5
Recommend Charge/Discharge Current (A)	37
Max. Charge/Discharge Current (A)	74
Peak Charge/Discharge Current (A)	100A@15sec
Communication	RS485, CAN
Configuration (max. in 1 battery group)	8pcs
Working Temperature	0°C~50°C Charge
	-10°C~50°C Discharge
Shelf Temperature	-20°C~60°C
Protective class	IP20
Cooling type	Natural Cooling
IP rating of enclosure	IP20
Humidity	5% ~ 85%
Certification	IEC62619/ CE / UN38.3
Design life	10+ Years (25°C/77°F)
Cycle Life	>6,000 25°C
Reference to standards	IEC62619, IEC62040, IEC62477-, IEC61000-6-2, IEC61000-3, UN38.3



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