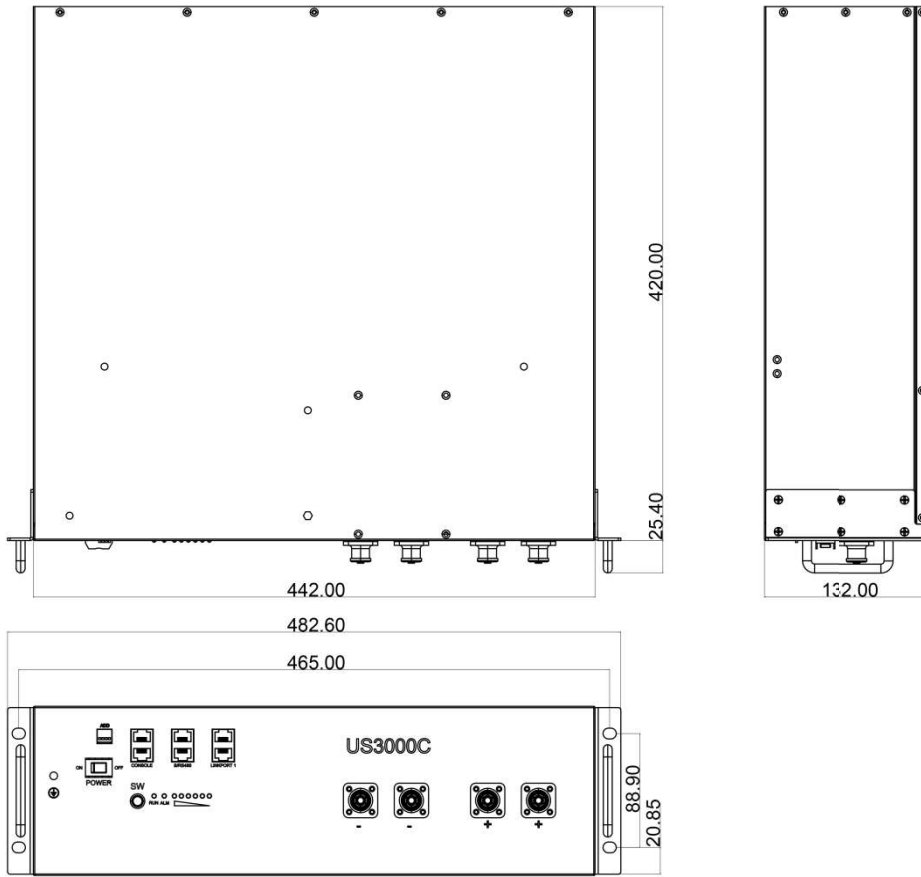




# Rechargeable Li-ion Battery

## US3000C Specifications

### 3.2 Specification



Basic Parameters	US3000C
Nominal Voltage (V)	48
Nominal Capacity (Wh)	3552
Usable Capacity (Wh)	3374.4
Dimension (mm)	442*420*132
Weight (Kg)	32
Discharge Voltage (V)	44.5 ~ 53.5
Charge Voltage (V)	52.5 ~ 53.5
Rate. Charge/Discharge Current / Power	37A / 1.78kW
Max. Charge/Discharge Current / Power	74-89A / 3.55-4.28kW @ 60 sec
Peak Charge/Discharge Current / Power	90-200A / 4.3-9.6kW @ 15sec
Communication	RS485, CAN
Depth of discharge (%)	95
Configuration (max. in 1 battery group)	8 pcs
Working Temperature	0°C~50°C Charge
	-10°C~50°C Discharge
Shelf Temperature	-20°C~60°C
Short circuit current/Duration time	<4000A/2ms
Cooling type	Natural
Protective class	I
IP rating of enclosure	IP20
Humidity	5% ~ 95%(RH) No Condensation
Altitude(m)	<4000
Warranty	10 years
Design life	15+ Years (25°C/77°F)
Cycle Life	>6,000 25°C
Reference to standards	IEC62619, IEC63056, IEC62040, IEC62477-1, UL1973,U1642,UL9540A, VDE2510-50, IEC61000-6-2, IEC61000-6-3, UN38.3



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