

Basic Parameters	UP5000
Nominal Voltage (V)	48
Nominal Capacity (Wh)	4800
Usable Capacity (Wh)	4560
Dimension (mm)	442*420*165
Weight (Kg)	40
Discharge Voltage (V)	44.5 ~ 53.5
Charge Voltage (V)	52.5 ~ 53.5
Continuous Charge/Discharge Current (A)	90
Peak Charge/Discharge Current (A)	95~200@15sec
Communication	RS485, CAN
Depth of discharge (%)	95
Configuration (max. in 1 battery group)	16pcs
Working Temperature	0°C~50°C Charge
	-10°C~50°C Discharge
Shelf Temperature	-20°C~60°C
Short 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
Certification	TÜV / CE / UN38.3
Design life	10+ Years (25°C/77°F)
Cycle Life (cycle) *	>6,000 25°C
Reference to standards	IEC62619, IEC63056, IEC61000-6-2, IEC61000-6-3, UN38.3

\*Cycle Life is defined based on specific operation conditions, for more details please check with Pylontech service team.