

US Series Overview



BASIC PARAMETERS	US2000C	US3000C	US5000
Nominal Voltage (v)		48	
Nominal Capacity (Wh)	2400	3552	4800
Usable Capacity (Wh)	2280	3375	4560
Dimension (mm)	442*410*89	442*420*132	442*420*165
Weight (kg)	22.5	32	40
Discharge Voltage (V)		45 ~ 53.5	
Charge Voltage (V)		52.5 ~ 53.5	
Charge / Discharge Current (A)	25 (recommend)	37 (recommend)	80 (recommend)
	50~89 (max@60s)	74-89 (max@60s)	101-120 (max@15min)
	90~200 (peak@15s)	90-200 (peak@15s)	121-200 (peak@15s)
Communication Port		RS485. CAN	
Single String Quantity (pcs)		16	
Working Temperature / °C		0 – 50	
Shelf Temperature / °C		-20 – 60	
Humidity		5% ~ 95%(RH) No Condensation	
Altitude (m)		<4000	
Design Life		15+ Years (25°C/77°F)	
Cycle Life		>8000, 25°C	
Authentication Level	IEC62619, IEC63056 UL1642, IEC61000-6-2, IEC61000-6-3, UN38.3	IEC62619, IEC62040, IEC62477-, IEC61000-6-2, IEC61000-3, UN38.3	UL1973, UL9540A, IEC62619, IEC62040, IEC62477-, IEC61000-6-2, IEC61000-3, UN38.3