

SPECIFICATION (48V)



Module

US2000C

US3000C

US5000

US5000B

Basic Parameters

Nominal Voltage (Vdc)	48	48	48	48
Nominal Capacity(Wh)	2400	3552	4800	4800
Usable Capacity(Wh)	2280	3374	4560	4560
Dimension(mm)	442*410*89	442*420*132	442*420*161	442*420*161
Weight(kg)	22.5	32	39.7	40
Charge/ Discharge Current(A)	(Recommend)	25	37	80*
	(Max. Continuous)	25	37	100*
	(Peak 1)	50~89@60sec	74~89@60sec	101~120@15min
	(Peak 2)	90~200@15sec	90~200@15sec	121~200@15sec
Communication Port	RS485,CAN			
Single string quantity(pcs)	16	16	16	16
Working Temperature/ °C	Charge	0~50		
Working Temperature/ °C	Discharge	-10~50		
Shelf Temperature/ °C	-20~60	-20~60	-20~60	-20~60
Short current/duration time	<4000A/2ms	<4000A/2ms	<2000A/1ms	<2000A/1ms
IP rating of enclosure	IP20			
Cooling type	Natural			
Humidity	5% ~ 95%(RH) No Condensation			
Altitude(M)	<4000			
Design life	15+ Years (25°C/77°F)	15+ Years (25°C/77°F)	15+ Years (25°C/77°F)	15+ Years (25°C/77°F)
Cycle Life	>6,000 25°C	>6,000 25°C	> 6,000 25°C	>6,000 25°C
Authentication Level	UL1642/IEC62619 /ICE63056 /ICE61000-6-2/3 UN38.3	UL1973/UL1642 /UL9540A/VDE2510-50 /IEC63056/IEC62619 /IEC62040/IEC62477-1 /ICE61000-6-2/UN38.3	UL1973/UL9540A IEC62619/IEC63056 /ICE61000-6-2/3 /UN38.3	UL1973/UL9540A IEC62619/IEC63056 /ICE61000-6-2/3 /UN38.3
Remark	without breaker			with breaker

*: The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.