



SUNSYNK-W10.6



DATASHEET

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v.2 (04/06/24)

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FUTURE REFERENCE**

Model		SUNSYNK-W10.6
Main Parameter		
Battery Chemistry		LiFePO ₄
Capacity (Ah)		208
Scalability		Max. 32 pcs in parallel (340kWh)
Nominal Voltage (V)		51.2
Operating Voltage (V)		43.2~57.6
Energy (kWh)		10.64
Usable Energy (kWh) ¹		9.58
Charge/Discharge Current (A)	Recommend ²	104
	Max. ²	Charge: 200 / Discharge: 240
	Peak (2mins,25°C)	Discharge: 300
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W x H x Dmm)		610 x 760 x 200 (doesn't include terminals, circuit breaker, hanging boards and pedestal)
Weight (kg)		101
Master LED Indicator		5 LED (SOC 20%~100%)
		2 LED (working, protecting)
IP Rating of Enclosure		IP65
Working Temperature		Charge: -10°C ~ +55°C Discharge: -20°C ~ +55°C
Storage Temperature		0°C ~ +35°C
Humidity		5% ~ 95%
Altitude		≤2000m
Cycle Life		≥6000 (25±2°C,90%DOD,0.5C/1C,70%EOL)
Installation		Wall-Mounted (supports 19-inch standard cabinet)
Communication Port		CAN2.0, RS485
Life Cycle Power During Warranty Period ³		32MWh@70%EOL
Certification		IEC62619, CE, UK, CEC, UN38.3

¹ DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25° C. System usable energy may vary due to system configuration parameters.

² The current is affected by temperature and SOC.

³ The warranty is due whichever reached first of warranty period or energy throughout.

DC 2P 250A Circuit Breaker

Wi-Fi RS232 Port





CONTACT US

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