



SUNSYNK-W10.2



DATASHEET

www.sunsynk.com
sales@sunsynk.com
customerservices@sunsynk.com

Model		SUNSYNK-W10.2
Main Parameter		
Battery Chemistry		LiFePO ₄
Capacity		200 Ah
Scalability		Max. 32 pcs in parallel (327kWh)
Nominal Voltage		51.2V
Operating Voltage		44.8~57.6V
Energy		10.24kWh
Usable Energy ¹		9.21kWh
Rated DC Power		6W
Max DC Power		12W
Charge/Discharge Current	Recommend ²	100A
	Max. ²	Charge: 200A / Discharge: 200A
	Peak (2mins,25°C)	Discharge: 200A
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W x H x D)		610 x 760 x 200mm (doesn't include terminals, circuit breaker, hanging boards and pedestal)
Weight		101kg
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		16MWh@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

Call +44 151 832 4300 **Email** sales@sunsynk.com **Website** www.sunsynk.com

Address

- HK** Room 702-704, 7/F Texwood Plaza, 6 How Ming Street, Kwun Tong, Kowloon, Hong Kong
- UK** Sunsynk UK Ltd, 17 Turnstone Business Park, Mulberry Avenue, Widnes, Cheshire, WA8 0WN
- SA** Unit 2, 3 & 4, 80 Highview Blvd, Ferndale, Randburg, 2160, South Africa
- NL** Sunsynk NL BV, Henri Wijnmalenweg 8, 5657 EP Eindhoven, Netherlands
- AU** Level 1, 982-988 Wellington Street, West Perth WA 6005, Australia
- ES** Tafetana, 32 P.I. Las Andoriñas 38639 Las Chafiras Santa Cruz de Tenerife
- US** 100 S. Ashley Drive, Suite 600, Tampa, Florida, 33602, United States of America