



SUNSYNK-L3.0



DATASHEET

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Model		SUNSYNK-L3.0
Main Parameter		
Battery Chemistry	Lithium Ferro Phosphate (LifePO4 or LFP)	
Capacity	60 Ah	
Scalability	Max. 4 pcs in parallel (12kWh)	
Nominal Voltage	51.2 V	
Operating Voltage	43.2~57.6 V	
Energy	3.07 kWh	
Usable Energy ^[1]	2.76 kWh	
Charge/Discharge Current	Recommend ^[2]	30 A
	Max. ^[2]	60 A
	Peak (2mins,25°C)	75 A
Other Parameter		
Recommend Depth of Discharge	90%	
Dimension (W/H/D)	440*520*145 mm (don't include Circuit Breaker, terminals and hanging boards)	
Weight Approximate	50 kg	
Master LED Indicator	5 LED (SOC 20%~100%)	
	3 LED (working, alarming, protecting)	
IP Rating of Enclosure	IP65	
Working Temperature	Charge: 0°C~+55°C (optional heating, -20°C~+55°C) Discharge: -20°C~+55°C	
Storage Temperature	-20°C ~ +35°C	
Humidity	5% ~ 95%	
Altitude	≤2000m	
Cycle Life	≥6000 (25±2°C, 90%DOD, 0.5C/0.5C, 70%EOL)	
Installation	Wall Mounted (Support 19-inch standard cabinet)	
Communication Port	CAN2.0, RS485	
Life Cycle Power During Warranty Period ^[3]	10MWh@70%EOL	
Certification	IEC62619, CE, UK, CEC, UN38.3	

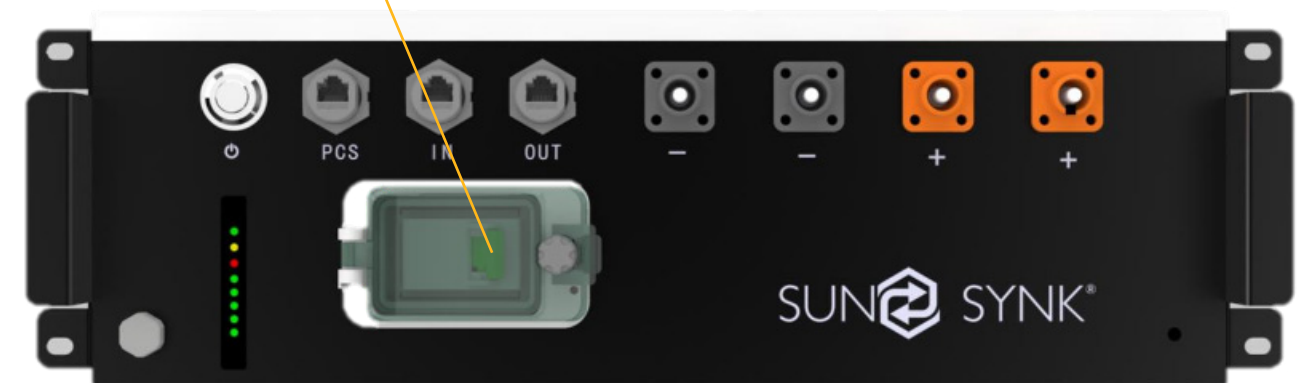
^[1] DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25° C. System usable energy may vary due to system configuration parameters.

^[2] The current is affected by temperature and SOC.

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



DC 80A Circuit Breaker





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