

Small Cell Power System



Power module: SDA11-48-000-D □ □ □

Battery module: SDA10-4850



System parameters

Power module

Model	SDA11-48-6000-D
Basic parameters	
Operating temperature	-40°C ~ +55°C (Temperature outside the aluminum case)
Cooling method	Natural conduction cooling
Audio noise	<45 dB
Dimensions (width * height * depth mm)	350*450*145 mm
Total Weight	≤25KG
Installation method	Can be installed on walls, poles, angle steel towers; supports banner or tile installation, etc.
Protection level	IP65
AC input	
Input voltage	Rated input voltage: AC 220V , Input range: AC 85 ~ 300V
Input frequency	45 ~ 55Hz
Input current	< 40.8A
Power Factor	≥0.99
AC Surge	20KA
DC Output	
Rated output voltage	DC 48V
Rated output power	6000W
Load output	40A × 7
Battery input	50A × 1
DC surge	10KA
Power Efficiency	96%
Other functions	
Human-computer interaction	Serial communication; mobile APP
Dry contact	3 (Configurable)
Communication interface	RS485;CAN
Wireless communication	NB-IOT/4G;Bluetooth (Optional)

Battery module

Model	SDA10-4850
Basic parameters	
Battery type	Iron lithium battery, 16 series
Operating temperature	-40°C ~ +55°C (Ambient temperature)
Cooling method	Natural conduction cooling
Dimensions	350*450*150mm
Total Weight	≤31Kg
Installation method	Can be installed on walls, poles, angle steel towers; supports banner or tile installation, etc.
Protection level	IP65
Performance parameter	
Rated battery voltage	48V
Battery capacity	50Ah
Working voltage range	40V-57.6V
Max. charging voltage	57.6V
Charging current	25A (Current limited mode: 10A)
Discharge current	50A
Communication Interface	
Parallel communication	Supported
Communication Interface	RS485*2
Alarm and protection	Over voltage, under voltage, short circuit, overload, over current, over temperature, low temperature protection, etc.

Declaration: This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact CHINASHOTO for the latest information.

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