

SPCS768-100K Series / 100kW / 215kWh

Commercial All-in-One Storage Solution



High integration, careful control logic



Wide voltage input range



Background energy efficiency management,
Remote monitoring of running data



Standardization, modular, systematic
design concept



Three levels BMS protection



Multi-scenario application in modes such as
peak shaving and valley filling and backup

PV Input

	SPCS768-100K
Rated PV power	100KW
Max. PV power	110KW
PV voltage range	200~1000V (500~900V Full load)
Max. PV input current	110A

AC Output

Rated AC power	100KW
Max. AC output power	110KW
PCS output voltage	400V AC
Nominal output frequency	50~60Hz
Rated AC current	114A
Back-up time	30ms
Max. efficiency	97.3%
Grid connection type	3W+N+PE / 3W+PE

Fire System

Smoke alarm	smoke transducer
Aerosol fire extinguisher	Capacity: 3Kg
Oxidizing agent	FM200 or NC1230

Battery System

System capacity	215.04KWh
Nominal capacity	280Ah
Nominal voltage	768V
Battery operating voltage range	672V~852V
Max. charge/discharge current	150A DC

General Parameter

Cooling concept	By air cooling, air conditioning or heat exchanger
Noise emission	< 70dB
Relative humidity	0~95% RH
Ingress protection degree	IP54
Operating temperature range	-20 C~+60 C
Display	LCD
Altitude	Max. 4000m
Weight	Approx. 2800kg
Dimensions (W x D x H, mm)	1800 x 1200 x 2300
Communication interface	RS485, CAN, Network, Dry contact
Isolation type	Non-isolated (optional transformer)