

SSC50K/75K PV Inverter

SSC Series

With efficient low-frequency isolation design, the SSC series inverters are applied to large-scale photovoltaic power plants. The paralleling mode and wide input DC voltage range brings the power plant design more flexible. The perfect thermal design guarantees cooling efficiency and stable operation. Equipment maintenance is more convenient with the user-friendly menu , powerful data storage & processing .



High Yields:

- Maximum efficiency of 96.8%
- Best tracking efficiency with, advanced MPP tracking

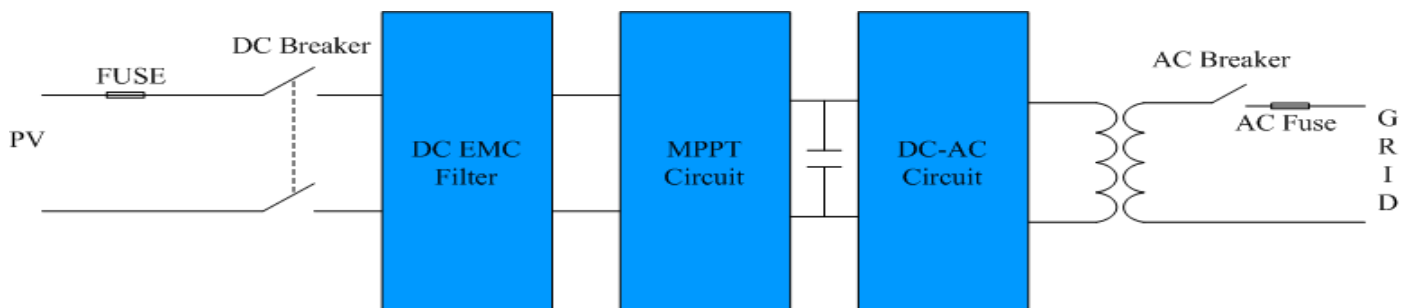
Reliable:

- Low Voltage Ride Through
- PC board isolation within the cabinet
- Dual intelligent, data processing, detecting and protection

User-friendly:

- Unified interface management, and modular design
- Multilingual LCD display
- Support RS485 , Ethernet and GPRS

Diagram :



Technical data

Model	SSC50K	SSC75K
Input Data		
Max. DC Voltage	1000 Vdc	
MPPT Voltage Range	450-820 Vdc	
Max. DC input power	58kW	87kW
Max. Input current	128 A	200A
Number of Parallel Inputs	2	
Number of MPP Trackers	1	
Output Data		
Nominal AC Output Power (kW)	50	75
Max. Output Power (kW)	55	82.5
Nominal Output Current (A)	72	108
Max Output Current (A)	80	120
Nominal AC Output Voltage (Vac)	400	
AC Output voltage range (Vac)	360-440	
AC Grid frequency range (Hz)	50	
Power Factor (cosφ)	0.9 (leading) ~0.9 (lagging)	
THDI	<3%,	
Max. efficiency	96.5%	96.8%
Euro. efficiency	95.8%	96.2%
MPPT. efficiency	99.9%	99.9%
General data		
Operating Temperature(°C)	-25°C~+60°C(derated power above50°C)	
Altitude (m)	6000(derated power above 3000m)	
Noise typical [dB(A)]	<65	
Operating Consumption (W)	<100	
Electrical Isolation	Transformer	
Cooling Concept	Fan Cooling	
Protect Level	IP20	
Communication	RS485	
Dimension (W×D×H) (mm)	650*650*1450	650*700*1550
Weight (Kg)	520	650