

# Household photovoltaic inverter

## SC-MAX 8KW II / SC-MAX 11K II



Wall-mounted white

### Product characteristics

- Off-grid inverter, supporting PV, mains, and battery access
- Battery independent design maximum photovoltaic input current up to 27A
- MPPT input voltage range 90~450V
- RGB color bar status display
- Built-in Wi-Fi monitoring module (Android/iOS App)
- BMS communication interface (RS485,CAN,RS232)
- Fan replacement is simple and fast
- The output power supply priority and time range can be configured
- Compatible with mains or generators, with a maximum of 6 units
- Battery independent design

### Technical Specification

Model	DHSC-MAX 8KW IIX	DHSC-MAX 11KW IIX
Rated power	8000VA/8000W	11000VA/11000W
Number of parallel machines	Up to 6 units	Up to 6 units
<b>Ac input</b>		
Rated voltage	230VAC	230VAC
Voltage range	170-280Vac(applicable to personal computer ) 90-280Vac ( applicable to household appliances )	170-280Vac(applicable to personal computer ) 90-280Vac ( applicable to household appliances )
<b>exportation</b>		
Output voltage range	230VAC±5%	230VAC±5%
Surge power	16000VA	22000VA
efficiency	93%	93%
Conversion time	10ms ( computer ) ; 20ms ( household appliances )	10ms ( computer ) ; 20ms ( household appliances )
Wave form	Pure sine wave	Pure sine wave
<b>battery</b>		
Battery voltage	48V	48V
Floating charge voltage	54V	54V
Overcharge protection	66VDC	63VDC
<b>Photovoltaic charging &amp; AC charging</b>		
Photovoltaic charging type	MPPT	MPPT
Maximum photovoltaic array power	8000W ( 4000W*2)	11000W(5500W*2)
MPPT operating voltage range	90~450VDC	90~450VDC
Maximum open circuit voltage of photovoltaic array	500VDC	500VDC
Rated voltage	240V	360V
Maximum photovoltaic input current	18A*2(Max36A)	18A*2(Max36A)
Maximum photovoltaic charging current	120A	150A
Maximum AC charging current	120A	150A
Maximum charging current	120A	150A
<b>physics</b>		
size (D/W/H)	600 x 425 x 150mm	600 x 425 x 150mm
net weight(KG)	20	21
Communication interface	USB/RS232/RS485/WiFi/Dry contact	USB/RS232/RS485/WiFi/Dry contact
<b>Working environment</b>		
humidness	5% to 95% Relative humidity (no condensation)	5% to 95% Relative humidity (no condensation)
Operating temperature	- 10°C to 50°C	- 10°C to 50°C
Storage temperature	-15°C to 60°C	-15°C to 60°C
<b>Standard</b>		
Safety regulation	CE	CE

\* Product specifications are subject to change without further notice.