

SP8000 Steel

SP Steel Series

SP Steel is the hybrid solar inverter designed with the structure of pure ON-LINE UPS.

Built-in ISO transformer & multiple circuit breakers.

Enjoy solar energy & protection all the time !!



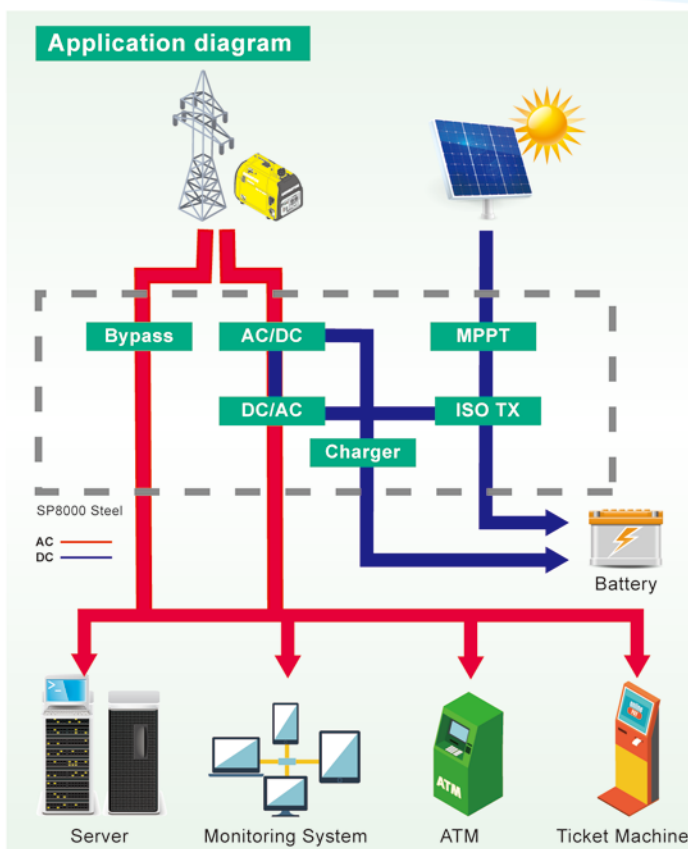
Features

- Pure sine wave inverter with 0 ms transfer time of genuinely online designed
- Built-in solar charger: MPPT
- Advanced SPWM technology, high-speed power MOS
- Configurable: PV/AC priority
- AC Input with effective online double conversion technology
- Green function (Optional)

Specifications

MODEL	SP8000 Steel
Rated Power	8000W
INPUT	
AC Voltage	165~275 VAC
Frequency Range	40-70 Hz (overclocking: auto transfer to DC power supply)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	220VAC ± 5%
Output Frequency	50 / 60 Hz ± 1Hz (settable)
Peak Efficiency	92%
Transfer Time	0ms
Waveform	Pure sine wave
Overload Capacity	110% for 255s; 125% for 60s; 150% for 10s
BATTERY	
Battery Voltage	192 VDC
Low Battery Alarm Voltage	192 VDC
Shutdown Voltage	168 VDC
SOLAR CHARGER & AC CHARGER	
PV Maximum Input Power	11520W
Maximum PV Array Open Circuit Voltage	450Vdc
PV Array MPPT Voltage Range	192~400Vdc
Maximum Solar Charging Current	60A
Maximum AC Charging Current	12 A
Maximum Charging Current	10~60A (Selectable)
Max. Conversion Efficiency	98%
PHYSICAL	
Dimension (D×W×H)	560×265×725 mm
Package Dimension (D×W×H)	662×360×905 mm
Net Weight	85 kgs
Gross Weight	94 kgs
OPERATING ENVIRONMENT	
Humidity	10% to 90% Relative Humidity (Non-condensing)
Operating Temperature	0°C - 40°C

Specifications are subject to change without notices.



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