

SP6000 Regal Ultra

SP Regal Ultra Series

The SP Regal Ultra series is a zero (0ms) transfer time design.

Switch the power source between Solar/Utility without any interruption.

An ideal solution for critical loads such as servers and ATM machines.

Features

- Detachable LCD control Panel
- Built-in Wi-Fi function for APP monitoring
- Zero(0ms) transfer time, the best protection for servers, ATM.
- Pure Sine Wave inverter with built-in MPPT solar charger
- Selectable high power charging current
- Configurable AC/Solar input priority via LCD setting
- Auto restart while AC is recovering
- Overload and short circuit protection
- Cold start function
- Optional parallel operation of up to 9pcs



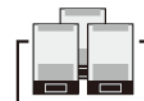
Zero(0ms)
Transfer Time



BMS



Wi-Fi

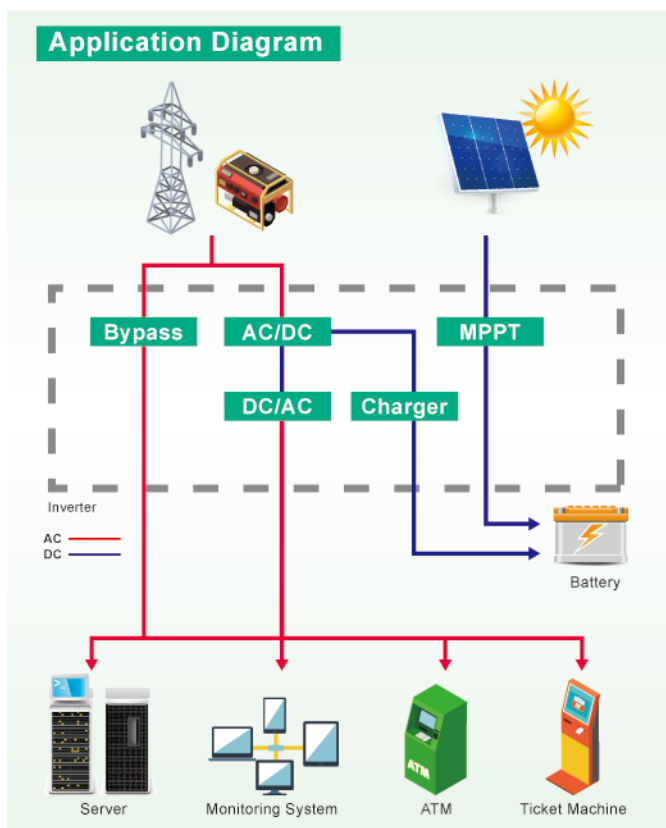


Parallel operation

Specifications

MODEL	SP6000 Regal Ultra
Rated Power	6000VA/6000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	10000VA
Peak Efficiency	93%
Transfer Time	0 ms
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Power	6000W
Maximum PV Array Open Circuit Voltage	500Vdc
PV Array MPPT Voltage Range	120~450Vdc
Maximum Solar Charging Current	120A
Maximum AC Charging Current	120A
Maximum Charging Current	120A
Maximum PV Input Current	27A
Maximum PV Input Short Circuit Current	30A
PHYSICAL	
Dimension (D×W×H)	140 × 295 × 468mm
Net Weight	12kgs
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C ~ 55°C
Storage Temperature	-15°C ~ 60°C

Specifications are subject to change without notice.



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