

SP5000 Regal ~ SP6000 Regal Ultra

## SP Regal Series

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

Perfect for servers and ATMs.

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

An ideal solution for critical loads.

### Features

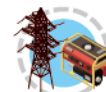
- Detachable LCD control Panel
- Built-in Wi-Fi function for APP monitoring
- Zero(0ms) transfer time, the best protection for servers, ATM.
- Pure Sine Wave inverter built-in MPPT solar charger
- Selectable high power charging current
- Configurable AC/Solar input priority via LCD setting
- Auto restart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



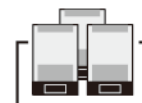
Zero(0ms)  
Transfer Time



Wi-Fi Function



Compatible  
to power



Parallel operation

### Specifications

MODEL	SP5000 Regal	SP6000 Regal Ultra
<b>Rated Power</b>	5000VA/5000W	6000VA/6000W
<b>INPUT</b>		
<b>Voltage</b>	230 VAC	
<b>Selectable Voltage Range</b>	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
<b>Frequency Range</b>	50 Hz/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
<b>AC Voltage Regulation (Batt. Mode)</b>	230VAC ± 5%	
<b>Surge Power</b>	10000VA	
<b>Peak Efficiency</b>	93%	
<b>Transfer Time</b>	0 ms	
<b>Waveform</b>	Pure sine wave	
<b>BATTERY</b>		
<b>Battery Voltage</b>	48 VDC	
<b>Floating Charge Voltage</b>	54 VDC	
<b>Overcharge Protection</b>	63 VDC	
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
<b>Maximum PV Power</b>	4000W	6000W
<b>Maximum PV Array Open Circuit Voltage</b>	145Vdc	500Vdc
<b>PV Array MPPT Voltage Range</b>	60~115Vdc	120~450Vdc
<b>Maximum Solar Charging Current</b>	80A	120A
<b>Maximum AC Charging Current</b>	60A	120A
<b>Maximum Charging Current</b>	140A	120A
<b>PHYSICAL</b>		
<b>Dimension (D×W×H)</b>	140 × 303 × 525mm	140 × 295 × 468mm
<b>Net Weight</b>	13.5kgs	12kgs
<b>OPERATING ENVIRONMENT</b>		
<b>Humidity</b>	5% to 95% Relative Humidity (Non-condensing)	
<b>Operating Temperature</b>	-10°C ~ 55°C	
<b>Storage Temperature</b>	-15°C ~ 60°C	

Specifications are subject to change without notices.

