

ST2V Series

▲ 800VA-5kVA



Features :

- ◆ Pure sine wave output
- ◆ High density UPS with output power factor 0.9
- ◆ User-friendly and easy-shift LCD display
- ◆ Rack/Tower design applies easily to install as a floor-standing tower or in 19-inch rack-mount bracket
- ◆ Programmable power management outlets for user control load segments
- ◆ ECO (Efficiency Corrective Optimizer) operation for energy saving
- ◆ EPO (Emergency power off function)
- ◆ Excellent microprocessor controller guarantees for fast response to power disturbances
- ◆ Boost and Buck AVR for voltage stabilization
- ◆ Hot-swappable battery design

MODEL	ST2V 800 VA	ST2V 1100 VA	ST2V 1500 VA	ST2V 2000 VA	ST2V 2500 VA	ST2V 3000 VA	ST2V 5000 VA	
Capacity	800 VA / 720 W	1100 VA / 990 W	1500 VA / 1350 W	2000 VA / 1800 W	2500 VA / 2250 W	3000 VA / 2700 W	5000 VA / 4500 W	
Input								
Nominal Voltage	110/115/120/127 VAC or 208/220/230/240 VAC						208/220/ 230/240 VAC	
Acceptable Voltage Range	81-152 VAC or 162-290 VAC						162-290 VAC	
Frequency Range	60/50 Hz (auto sensing)							
Output								
Output Voltage	110/115/120/127 VAC or 208/220/230/240 VAC						208/220/ 230/240 VAC	
Voltage Regulation (Batt. Mode)	±1.5% (before battery alarm)							
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz							
Current Crest Ratio	3:1							
Harmonic Distortion	2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm)							
Transfer Time	Typical 2-6 ms, 10ms max.							
Waveform (Batt. Mode)	Pure Sine Wave							
Efficiency								
ECO Mode	97%							
Buck & Boost Mode	95%							
Battery Mode	Up to 90%		Up to 91%			Up to 92%		
Battery								
Battery Type & Number	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/7 Ah x 4	12 V/9 Ah x 4	12 V/7 Ah x 6	12 V/9 Ah x 6	12 V/10 Ah x 6	
Charging Current (max.)	1.5 A							
Charging Voltage	27.4 VDC ± 1%		54.8 VDC ± 1%			82.1 VDC ± 1%		
Typical Recharge Time	4 hours recover to 90% capacity							
Indicators								
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery							
Alarm								
Battery Mode	Sounding every 10 seconds							
Low Battery	Sounding every 2 seconds							
Overload	Sounding every second							
Fault	Continuously sounding							
Others								
Dimension, DXWXH (mm)	410 x 438 x 88		510 x 438 x 88			630 x 438 x 88		
Net Weight (kgs)	12.9	13.4	19.5	21.5	27.7	29.3	40	
Environment								
Operating Humidity	0-90 % RH @ 0- 40° C (non-condensing)							
Noise Level	Less than 45dB							
Management								
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux, and MAC							
Optional SNMP	Power management from SNMP manager and web browser							

* Specification is subject to change without prior notice.

** Derate capacity to 80% of capacity when the output voltage is adjusted to 208V