

ST1V Series

▲ 600VA-2kVA



Features :

- ◆ Compact size
- ◆ Excellent microprocessor control guarantees high reliability
- ◆ Boost and buck AVR for voltage stabilization
- ◆ Auto restart while AC is recovering
- ◆ Simulated sine wave
- ◆ Off-mode charging
- ◆ Cold start function
- ◆ Optional generator compatible

MODEL	ST1V 600	ST1V 800	ST1V 1K	ST1V 1.5K	ST1V 2K
Capacity	600 VA / 360 W	800 VA / 480 W	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W
Input					
Voltage	110/120 VAC or 220/230/240 VAC				
Voltage Range	81-145 VAC / 162-290 VAC				
Frequency Range	60/50 Hz (auto sensing)				
Output					
Voltage	110/120 VAC or 220/230/240 VAC				
AC Voltage Regulation (Batt. Mode)	±10%				
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz				
Transfer Time	Typical 2-6 ms				
Waveform (Batt. Mode)	Simulated Sine Wave				
Battery					
Battery Type & Number	12 V/7 Ah x 1	12 V/9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/9 Ah x 2
Typical Recharge Time	4 hours recover to 90% capacity		4-6 hours recover to 90% capacity		
Indicators					
LCD Model	Input Voltage, Output Voltage, Battery Capacity, load level and UPS status				
LED Model - AC Mode	Green lighting			Green lighting	
LED Model - Battery Mode	Green flashing			Yellow flashing	
LED Model - Fault	N/A			Red lighting	
Alarm					
Battery Mode	Sounding every 10 seconds				
Low Battery	Sounding every second				
Overload	Sounding every 0.5 second				
Fault	Continuously sounding				
Others					
LED Model - Dimension, D X W X H (mm)	279 x 101 x 142		320 x 130 x 182		
LED Model - Weight (kgs)	4.2	4.9	8.2	10.4	10.6
LCD Model - Dimension, D X W X H (mm)	300 x 101 x 142		320 x 130 x 182		
LCD Model - Weight (kgs)	4.4	5.0	8.2	10.4	10.6
Environment					
Humidity	0-90 % RH @ 0- 40° C (non-condensing)				
Noise Level	< 40dB				

* Specification is subject to change without prior notice.