

SMART– Series - Pure Sine Wave UPS

SPECIFICATION:									
Model		SGP500/L	SGP750/L	SGP1.5K/L	SGP3K/L	SGP4K/L	SGP5K/L	SGP6K/L	
Capacity		500VA	750VA	1.5KVA	3KVA	4KVA	5KVA	6KVA	
Input	Voltage range	Selectable 200/220/230/240VAC OR 100/110/115/120VAC +/- 22%, 1Ø 50Hz/60Hz Auto detect							
	Phase	Single Phase + Neutral + GND OR Three Phase + Neutral + GND(Redundant Optional)							
	Current (100V/230V)	4A/2A	8.1A/3.5A	13.6A/6.8A	27A/13.6A	36A/18A	42/21A	51/25A	
Output	Voltage range	200 / 220 / 230 / 240VAC OR 100/110/115/120VAC +/- 2% (Adjustable With Software)							
	Frequency range	50Hz or 60Hz ±0.1Hz (Selectable under DC Start)							
	Wave Form	Sinusoidal Pure Sine Wave							
	Phase	Single Phase + Neutral + GND OR Three Phase + Neutral + GND(Redundant Optional)							
	THD	<3% (Linear Load)							
	Power factor	0.6				0.7			
	Overload capacity	105% - 10s, 130% - 200ms				105% - 10min, 130% - 200ms			
	Current (100V/230V)	3A/1.5A	6A/3A	12A/6A	25A/12A	33A/16A	38A/18A	45A/20A	
Display	LED	Load Level, Battery Level, UPS Running Status, Over Load, UPS Fault / Alarm							
	LCD (SGC Series)	Monitor : Input / Output Voltage, Output Frequency, UPS Temperature, Real Remain Back Up Time, UPS On / Off Program & Battery Voltage Setting : Output Voltage / Output Frequency / Green Mode							
Battery	Type	SLA (Sealed Lead Acid) - Maintenance Free							
	Rated voltage	12VDC		24VDC	48VDC	72VDC			
	Standard battery capacity	12V/7AHx1		12V/7AH x 2	12V/7AHx4		12V/7AHx6/12		
	Standard backup time (half or full load)	12/5min		14/7min	21/10min		28/15min		
	Recharging time	2 - 5 hours up to 90% capacity							
	Feature	'L' External Batteries, Cold Start, Configuration as a AC Inverter or Frequency Converter							
	Charge Current	Auto Charger (Two Step Charging System) 0-8A or 'L' 0-20A							
	Back Up Time Calculation	Example : SGP3K - 12VDC x 7Ah x 4pcs = 336VA x 0.7p.f. = 235 Watts 235 / Load, 500Watts = 0.47 hrs x 60mins = 28.2 minutes Back Up Time							
Audible Alarm	Battery Discharge	Two Beeps every 4 seconds when mains fails Four Beeps every 1 second when battery exhausts							
	UPS Over Load	Beeping continuously							
	Battery Fail	Eight Beeps every 1 second when battery fail							
Transfer time	Mains fail or recover	Zero Transference							
Efficiency	Inverter	> 92%							
Protection		Surge/Spikes, Over Load, Short Circuit, Circuit Breaker, MOV, GTA(RJ45) & LC							
Communication interface		Port : RS232 or USB							
		Software : Upsilon 2000 for Win98–2000, Win XP or SNMP/AS400/Unix (optional)							
Environment	Temperature	0 – 45°C							
	Humidity	10% - 90% (No Condensation)							
	Audible Noise	<45dB at 1m			<50dB at 1m		<55dB at 1m		
Physical	Gross Weight (kg)	9kg	14kg	22Kg	28kg	39kg	52Kg	75Kg	
	(W x D x H) (mm)	130 x 380 x 190	180 x 380 x 200		180 x 510 x 200	180 x 510 x 200	180 x 510 x 200		
	* For Long Back Up or Custom Made UPS, Specification, Size & Weight will be Changed or as User request as possible.								

* Specifications subject to change without prior notice

Note : 19" Rack Mount Type (SGR Series) is Available Upon Request