

SGTE

PURE SINE WAVE INVERTER

500VA-5000VA

300W~3500W

12V / 24V / 48V



DC Start & Automatic
Self-Diagnostic Function



High Efficiency Design
"Power Saving Mode" &
to Conserve Energy



Auto restart when
Ac in recovering



Smart battery charger
design for optimized
battery performance



Selectable charging
current based on
applications



Auto Restart Voltage



It can also be used as an emergency power source for devices that require continuous power supply, a device for uninterrupted power supply, apply for such as installation of central heating (pumps, drivers, feeders, CO furnaces, etc.), automatic gates, automation devices, power tools, circulation pumps for thermal power plants, submersible water pumps computers, servers, computer sets, automatic gates, compressors and any other AC motors that require pure sinusoidal voltage



Specification

Model	SGTE-300	SGTE-500	SGTE-800	SGTE-1200
Rated Power	300w/500va	500w/800va	800w/1200va	1200w/1500va
Transformer	toroidal transformer			
Working Mode	PV/AC priority optional			
AC Input				
Input Voltage	140-275vac			
Input Frequency	45-65hz			
AC Output				
Output Voltage	220vac±3% for inverter,195-240vac for avr			
Output Frequency	50/60hz±0.3hz,subject to the main			
Output Wave Form	pure sine wave			
Output Wave Distortion	≤3%			
Protection	overload/high temp./high voltage/low voltage/short circuit/over-charge/over discharge/reverse polarity			
Transfer Time	≤4ms			
Battery				
Battery Voltage	12vdc			24vdc
Charge Voltage	13.6v±0.3v			27.2v±0.6v
Low Battery Voltage Limit	10.9v±0.3v			21.8v±0.5v
Low Voltage Protection	10.2±0.3v			20.5±0.5v
Charge Current	Max 10A/15A/20A optional			
Operating Temp.	0-40℃			
Relative Humidity	10%-90%RH,non-condensing			
Storage Temp.	"-15-45℃			
Product Size(mm)	300*144*213/1pcs			
Packing Size(mm)	428*460*343/2pcs			
G.W./ctn(kg)	18kg/2pcs	19kg/2pcs	20kg/2pcs	22kg/2pcs

SYSTEM DIAGRAM



APPLICABLE PLACE



OUTDOOR POWER SUPPLY



HOUSE