

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



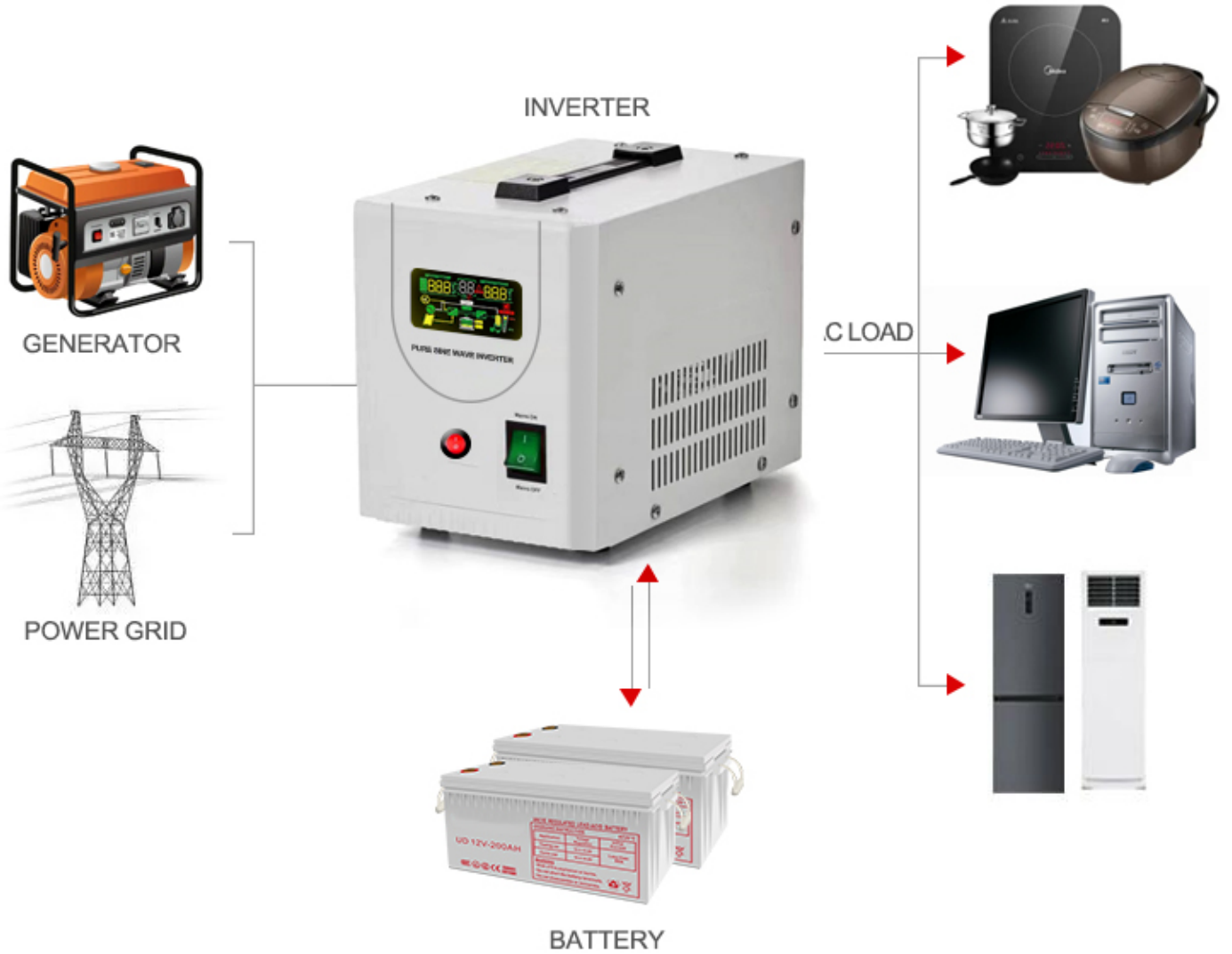
It can also be used as an emergency power source for devices that require continuous power supply, a device for uninterrupted power supply, apply for such as installation of central heating (pumps, drivers, feeders, CO furnaces, etc.), automatic gates, automation devices, power tools, circulation pumps 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-1000	SGTE-1500	SGTE-2000	SGTE-3000
Rated Power	300w/500va	500w/800va	1000w/1500va	1500w/2000va	2000w/2500va	3000w/4000va
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	48vdc			
Charge Voltage	13.6v±0.3v	27.2v±0.6v	54.5V±1V			
Low Battery Voltage Limit	10.9v±0.3v	21.8v±0.5v	42V±1V			
Low Voltage Protection	10.2±0.3v	20.5±0.5v	41V±1V			
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)	230*145*180	337*146*170	355*220*250			
Packing Size(mm)	785*305*240/4pcs	415*410*245 (2pcs)	410*290*320(1pcs)			
G.W./ctn(kg)	26kg/4pcs	20kg/2pcs	13kg/1pcs	16kg/1pcs	21kg/1pcs	

SYSTEM DIAGRAM



APPLICABLE PLACE



OUTDOOR POWER SUPPLY



HOUSE