

Gennex 2kVA/24V/600W & 3kVA/24V/600W Hybrid Inverter



- Pure sine wave inverter
- Output power factor 0.8
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Battery equalization for optimized battery performance and lifecycle
- Cold start function

Gennex 2kVA/24V/600W & 3kVA/24V/600W Hybrid Inverter Specification

MODEL	Gennex 2kVA/24V/600W	Gennex 3kVA/24V/600W
Rated Power	2000VA/ 1600W	3000VA/ 2400W
Parallel Capability	No	No
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%	
Surge Power	4000VA	6000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	24 VDC (48VDC version is also available)
Floating Charge Voltage	27 VDC	27 VDC
Overcharge Protection	31 VDC	31 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Power	600W	600W
MPPT Range @ Operating Voltage	30 VDC~ 66 VDC	30 VDC~ 66 VDC
Maximum PV Array Open Circuit Voltage	75VDC	75VDC
Maximum Solar Charge Current	25A	25A
Maximum AC Charge Current	30A	30A
Maximum Charge Current	55A	55A
PHYSICAL		
Dimension, D x W x H (mm)	100 x 272 x 355	
Net Weight (kgs)	7.0	7.4
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	0°C - 55°C	
Storage Temperature	-15°C - 60°C	

* Typical transfer time for parallel operation is 30ms.
Product specifications are subject to change without further notice.