

Gennex 2kVA 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

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MODEL	Gennex 2kVA/24V/600W	Gennex 2kVA/24V/1500W
Rated Power	2000VA/ 1600W	2000VA/ 1600W
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	4000VA
Efficiency (Peak)	90% - 93%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	24 VDC
Floating Charge Voltage	27 VDC	27 VDC
Overcharge Protection	31 VDC	31 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Power	600W	1500W
MPPT Range @ Operating Voltage	30 VDC ~ 66 VDC	60 VDC~ 115 VDC
Maximum PV Array Open Circuit Voltage	75VDC	145VDC
Maximum Solar Charge Current	25A	60A
Maximum AC Charge Current	30A	20A or 30A (Selectable)
Maximum Charge Current	55A	90A
Maximum Efficiency		98%
Standby Power Consumption		2W
PHYSICAL		
Net Weight (kgs)	7.0	11.5
Dimension, D x W x H (mm)	100 x 272 x 355	140 x 295 x 479
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.