

## SNV-GF1021 OFF-GRID INVERTER

# OFF-GRID 1 kW



### Feature Highlights:

- Pure sine wave solar inverter
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/ solar input priority via LCD setting
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

MODEL		SNV-GF1021
Rated power		1000VA/1000W
INPUT (AC)		
Voltage		220Vac
Selectable voltage range		170~280Vac (for personal computers)
		90~280Vac (for home appliances)
Frequency range		50Hz/60Hz (auto sensing)

OUTPUT (AC)		
AC voltage regulation (batt. mode)		220Vac±5%
Surge power		2000VA
Efficiency (peak)		93%
Transfer time		10ms (for personal computers)
		20ms (for home appliances)
Waveform		Pure sine wave

BATTERY		
Battery voltage		24Vdc
Floating charge voltage		27Vdc
Overcharge protection		31Vdc

SOLAR CHARGER & AC CHARGER		
Solar charger type		MPPT
Max. PV array open circuit voltage		102Vdc
Max. PV array power		1000W
MPP range @operating voltage		30~80Vdc
Max. solar charge current		40A
Max. AC charge current		20A
Max. charge current		60A

PHYSICAL		
Dimensions (W*L*D) in mm		88 x 225 x 320
Net weight (kg)		5
Communication interface		USB/RS232

OPERATING ENVIRONMENT		
Humidity		5% to 95% relative humidity (non-condensing)
Operating temperature		-10°C to 50°C
Storage temperature		-15°C to 60°C

Specifications subject to change without prior notice