

SNV-GF6541 INVERTER CHARGER

OFF-GRID 6.5 kW



Feature Highlights:

- Increased PV power to 9000W
- Maximum PV input current 27A
- Dual outputs for smart load management
- User-friendly 4.3" HMI LCD design for easy configuration
- Wide PV input range 90 ~ 450 VDC
- Built-in WiFi with APP for mobile monitoring
- Reserved communication port for BM
- Battery independent function
- Parallel operation with up to 6 units

MODEL	SNV-GF6541
RATED POWER	6.5KVA / 6.5KW
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	
Output Power	6.5KVA/6.5KW with PV+Battery; 6KVA/6KW with Battery only
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%
Overload Capability	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load
Efficiency (Peak)	93 %
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	9KW
MPPT Range @Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	RS232 / RS485 / WiFi
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.