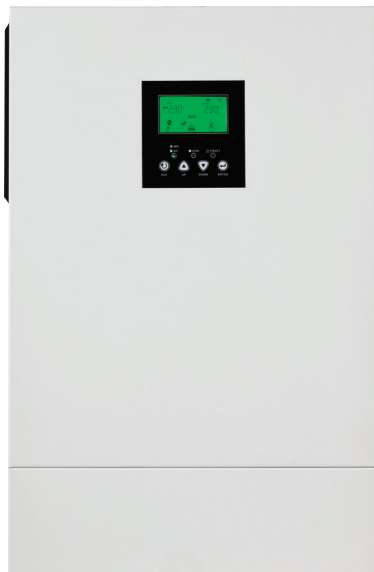


SNV-GF10041 INVERTER CHARGER

OFF-GRID 10 kW



Feature Highlights:

- Wide PV input range 90 - 450VDC
- Dual output for smart load management
- Built-in WiFi with APP for remote monitoring and OTA firmware upgrade
- Built-in feed-in grid function
- Battery independent design
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit

MODEL	SNV-GF10041
RATED POWER	10KVA / 10KW
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)	230 VAC \pm 5%
Output Power	10KVA / 10KW
Surge Power	20KVA
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	14KW (7KW x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC (min 100 VDC without Battery)
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	22 A x 2
Maximum Solar Charge Current	180 A
Maximum AC Charge Current	150 A
Maximum Total Charge Current	180 A
PHYSICAL	
Dimension, D x W x H (mm)	141 x 322 x 497
Net Weight (kgs)	16.3
Communication Interface	RS232 / RS485 (BMS) / 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.