

**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

<b>MODEL</b>	<b>SNV-GF10041</b>
<b>RATED POWER</b>	10KVA / 10KW
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%
Output Power	10KVA / 10KW
Surge Power	20KVA
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
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
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	141 x 322 x 497
Net Weight (kgs)	16.3
Communication Interface	RS232 / RS485 (BMS) / WiFi
<b>ENVIRONMENT</b>	
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.