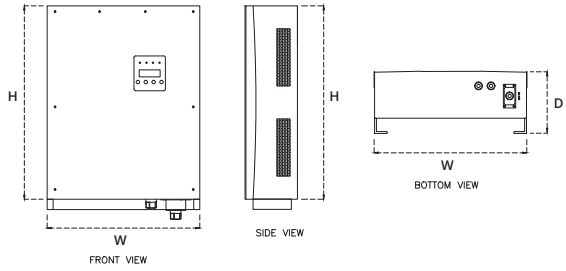


GRID-TIED PV INVERTER SERIES

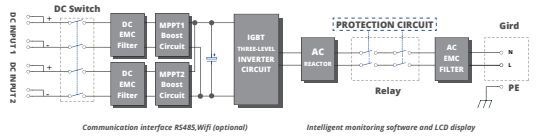
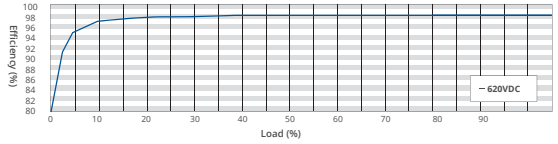
10 - 20 KW

DOUBLE MPPT



Feature Highlights:

- MPPT efficiency >99.9%
- Maximum efficiency >98.2%
- Double MPPT Design for application demand
- Low sensitivity to grid disturbances to avoid undesired disconnection from the grid
- Wide range of input voltage and operation environment
- Wide DC input range from 250V up to 850V
- Wide operating temperature range -20C~ 60C
- IP65 harshest industrial protection for indoors and outdoors
- RS232/RS485/WiFi interfaces
- Easy-to-read LCD display with all operational status and monitored data



Communication interface RS485,WiFi (optional)

Intelligent monitoring software and LCD display

MODEL	SNV-GT-1002DM	SNV-GT-1502DM	SNV-GT-1702DM	SNV-GT-2002DM
INPUT				
MAX. DC INPUT POWER	11.5 KW	16.5 KW	18.5 KW	22.5 KW
MAX. DC INPUT VOLTAGE	1000 Vdc			
MPPT TRACKING VOLTAGE RANGE	250 ~ 950 Vdc			
NUMBER OF MPPT TRACKING	2			
STRINGS OF MPPT TRACKING	1	2		
MAX. INPUT CURRENT for each tracking	13 A x 2	21 A x 2		
OUTPUT				
RATED OUTPUT POWER	10 KW	15 KW	17 KW	20 KW
MAX. AC OUTPUT POWER	11 KW	16 KW	18 KW	22 KW
RATED OUTPUT VOLTAGE	400 Vac			
OUTPUT VOLTAGE RANGE	400 Vac±20%			
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)			
MAX. OUTPUT CURRENT	17 A	24 A	27 A	32 A
POWER FACTOR (COS Φ)	0.8 leading-0.8 lagging			
THDi	<2%			
SYSTEM FEATURES				
MAX. EFFICIENCY	> 98.0%			
EURO EFFICIENCY	> 97.5%	> 97.7%		
MPPT EFFICIENCY	>99.9%			
STANDBY (NIGHT TIME) LOSSES	<0.2W			
DC SWITCH	Optional			
COMMUNICATION INTERFACE	RS485 standard, external WiFi or Ethernet (optional)			
ENVIRONMENTAL				
OPERATING TEMPERATURE	-25°C~ +60°C			
HUMIDITY RANGE	0 ~ 95% (non-condensing)			
ALTITUDE	2000m			
NOISE LEVEL	<40dB (1 meter from surface)			
PROTECTION RATING	IP65			
PHYSICAL				
DIMENSION W x H x D (mm)	550 X 700 X 250			
SHIPPING WEIGHT (KG)	35	39		
STANDARDS				
SAFETY	IEC/EN62109-1,IEC/EN62109-2,VDE0126-1-1, VDE AR N4105, G83/56/EEG2012, AS3100/4777,CEI 0-21, CNCA/CTS0006:2010,CNCA/CTS0004:2009A,etc			
EMC	EN61000-6-2, EN61000-6-3,etc			