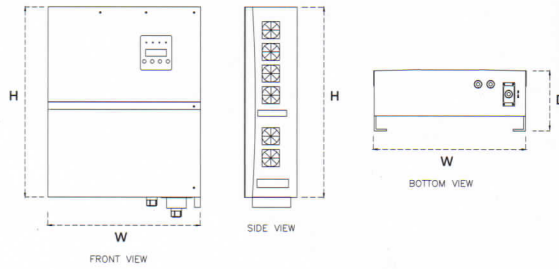


GRID-TIED PV INVERTER SERIES



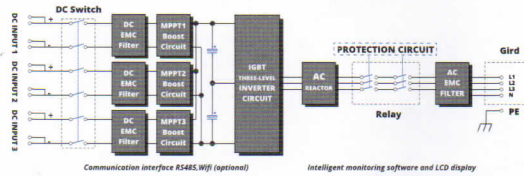
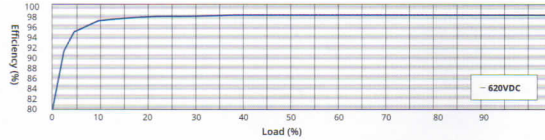
30 - 72 KW

• TRIPLE MPPT



Feature Highlights:

- MPPT efficiency >99.9%
- Maximum efficiency >98.2%
- Three independent MPP tracking gains optimal energy harvesting
- 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-3002TM	SNV-GT-3602TM	SNV-GT-5002TM	SNV-GT-6002TM	SNV-GT-7202TM
INPUT					
MAX. DC INPUT POWER	33 KW	40 KW	55 KW	66 KW	75 KW
MAX. DC INPUT VOLTAGE	1000Vdc				
MPPT TRACKING VOLTAGE RANGE	250 ~ 950Vdc (Rated voltage 620Vdc)				
NUMBER OF MPPT TRACKING	3				
STRINGS OF MPPT TRACKING	2	3	4	4	4
MAX. INPUT CURRENT for each tracking	26 A × 3		36 A × 3	40 A × 3	45 A × 3
OUTPUT					
RATED OUTPUT POWER	30 KW	36 KW	50 KW	60 KW	72 KW
MAX. AC OUTPUT POWER	32 KW	39 KW	52 KW	62 KW	74 KW
RATED OUTPUT VOLTAGE	400 Vac	480 Vac	400 Vac		480 Vac
OUTPUT VOLTAGE RANGE	400Vac±20%	480Vac±10%	400Vac±20%		480Vac±10%
AC OUTPUT TOPOLOGY	3Ph+N+PE, Transformer-less				
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)				
RATED OUTPUT CURRENT	44 A		72 A		87 A
MAX. OUTPUT CURRENT	48 A		75 A		90 A
POWER FACTOR (COS Φ)	0.8 leading ~ 0.8 lagging				
THDi	<2%				
SYSTEM FEATURES					
MAX. EFFICIENCY	> 98.3%	> 98.5%	> 98.6%		
EURO EFFICIENCY	> 98.0%		> 98.2%		
MPPT EFFICIENCY	99.9%				
STANDBY (NIGHT TIME) LOSSES	<2 W				
COOLING	Forced air cooling				
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		<60dB		
PROTECTION RATING	IP65				
PHYSICAL					
DIMENSION W x H x D (mm)	636 X 958 X 260				
SHIPPING WEIGHT (KG)	61		68		69
STANDARDS					
SAFETY	IEC/EN62109-1, IEC/EN62109-2, VDE0126-1-1, VDE AR N4105, G83/59/EEG2012, AS3100/4777, CEI 0-21, etc				
EMC	EN61000-6-2, EN61000-6-3, EN61000-3-11, EN61000-3-12, etc				