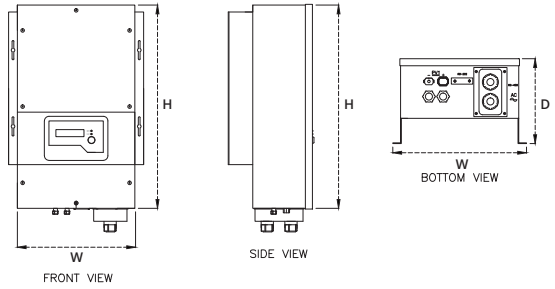


GRID-TIED PV INVERTER SERIES



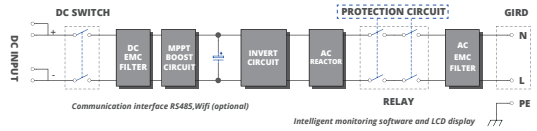
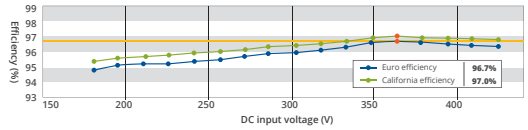
1 - 3 KW

● SINGLE MPPT



Feature Highlights:

- Transformer-less design and compact in size
- IP65 Protection Class
- Firmware is upgradeable via RS232 Port
- Optional DC switch available
- Comply with latest VDE AR N1405 standard
- MPPR Efficiency > 99.9%
- Maximum Efficiency > 97.6%
- Mimic LCD Display
- Versatile communication interface options, standard RS485 port and external WiFi and Ethernet devices.
- Monitoring software offers operational status and electricity generated data.



MODEL	SNV-GT-1001SM	SNV-GT-2001SM	SNV-GT-3001SM
INPUT			
MAX. DC INPUT POWER	1300 W	2400 W	3300 W
MAX. DC INPUT VOLTAGE	500 Vdc		
MPPT TRACKING VOLTAGE RANGE	80 ~ 450 Vdc	150 ~ 450 Vdc	
NUMBER OF MPPT TRACKING	1		
STRINGS OF MPPT TRACKING	1	2	
MAX. INPUT CURRENT <i>for each tracking</i>	9 A	11 A	17 A
OUTPUT			
RATED OUTPUT POWER	1150 W	2000 W	3000 W
MAX. AC OUTPUT POWER	1000 W	2200 W	3100 W
RATED OUTPUT VOLTAGE	230 Vac		
OUTPUT VOLTAGE RANGE	184 ~ 276 Vac		
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)		
RATED OUTPUT CURRENT	4.5 A	8.7 A	13 A
MAX. OUTPUT CURRENT	5 A	11 A	15 A
POWER FACTOR (COS Φ)	1		
THDi	<2%		
SYSTEM FEATURES			
MAX. EFFICIENCY	>96.0%	>96.9%	>97.5%
EURO EFFICIENCY	>95.0%	>95.0%	>96.5%
MPPT EFFICIENCY	99.9%		
STANDBY (NIGHT TIME) LOSSES	<0.2 W		
DC SWITCH	Optional		
COMMUNICATION INTERFACE	RS232 / RS485 standard, external WiFi or Ethernet (optional)		
ENVIRONMENTAL			
OPERATING TEMPERATURE	-20°C~60°C		
HUMIDITY RANGE	0 ~ 95% (non-condensing)		
ALTITUDE	2000m		
NOISE LEVEL	<25dB (1 meter from surface)		
PROTECTION RATING	IP65		
PHYSICAL			
DIMENSION W x H x D (mm)	335 x 580 x 170		
SHIPPING WEIGHT (KG)	15.8	18.2	
STANDARDS			
SAFETY	IEC/EN62109-1, IEC/EN62109-2, VDE0126-1-1, VDE AR N4105, G83/59/EEG2012, AS3100/4777, CEI 0-21, CNCA/CTS0006:2010, CNCA/CTS0004:2009A, etc		
EMC	EN61000-6-2, EN61000-6-3, etc		