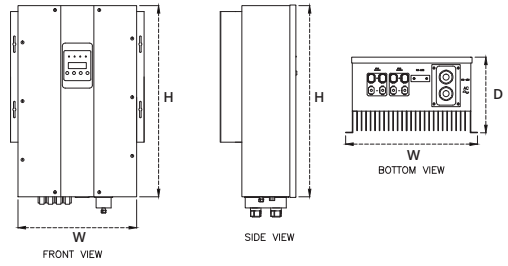


GRID-TIED PV INVERTER SERIES



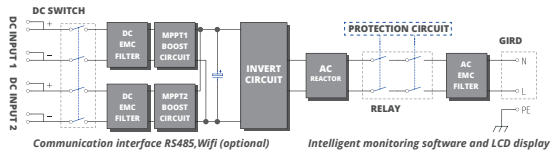
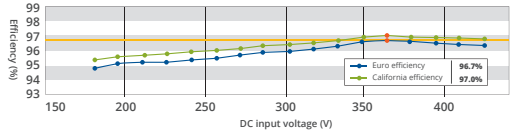
5 KW

● DOUBLE MPPT



Feature Highlights:

- Transformer-less design and compact in size
- IP65 Protection Class
- Double MPPT Design for application demand
- 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-5001DM
INPUT	
MAX. DC INPUT POWER	5.5 KW
MAX. DC INPUT VOLTAGE	600 Vdc
MPPT TRACKING VOLTAGE RANGE	150 ~ 500 Vdc
NUMBER OF MPPT TRACKING	2
STRINGS OF MPPT TRACKING	2
MAX. INPUT CURRENT for each tracking	15 A x 2
OUTPUT	
RATED OUTPUT POWER	5 KW
MAX. AC OUTPUT POWER	5.1 KW
RATED OUTPUT VOLTAGE	230 Vac
OUTPUT VOLTAGE RANGE	230 Vac±20%
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)
RATED OUTPUT CURRENT	21.7 A
MAX. OUTPUT CURRENT	24 A
POWER FACTOR (COS Φ)	0.9 leading - 0.9 lagging
THDi	<2%
SYSTEM FEATURES	
MAX. EFFICIENCY	97.6%
EURO EFFICIENCY	96.8%
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	-20°C~ +60°C
HUMIDITY RANGE	0 ~ 95% (non-condensing)
ALTITUDE	2000m
NOISE LEVEL	<25dB
PROTECTION RATING	IP65
PHYSICAL	
DIMENSION W x H x D (mm)	395 X 637 X 180
SHIPPING WEIGHT (KG)	25.8
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