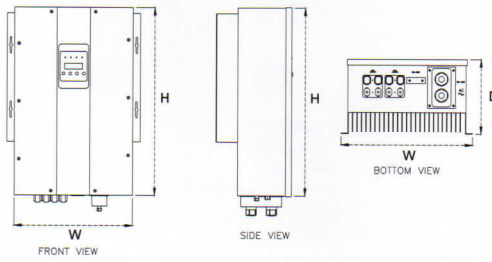




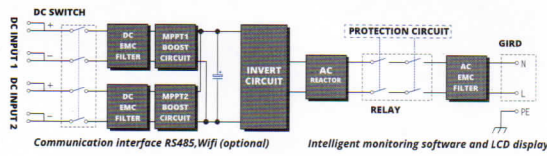
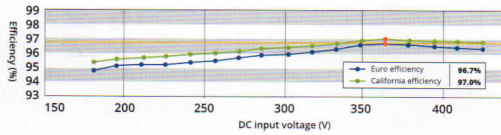
**5 KW**

• 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
<b>INPUT</b>		
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
<b>OUTPUT</b>		
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%
<b>SYSTEM FEATURES</b>		
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)
<b>ENVIRONMENTAL</b>		
OPERATING TEMPERATURE		-20°C~ +60°C
HUMIDITY RANGE		0 ~ 95% (non-condensing)
ALTITUDE		2000m
NOISE LEVEL		<25dB
PROTECTION RATING		IP65
<b>PHYSICAL</b>		
DIMENSION W x H x D ( mm )		395 X 637 X 180
SHIPPING WEIGHT (KG)		25.8
<b>STANDARDS</b>		
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	