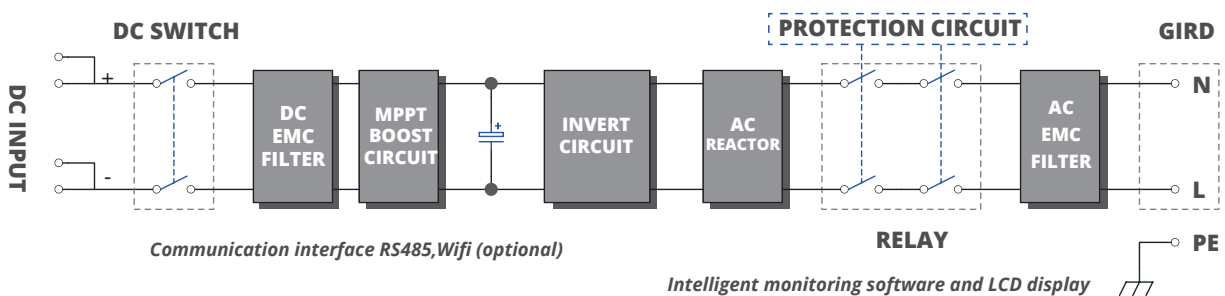
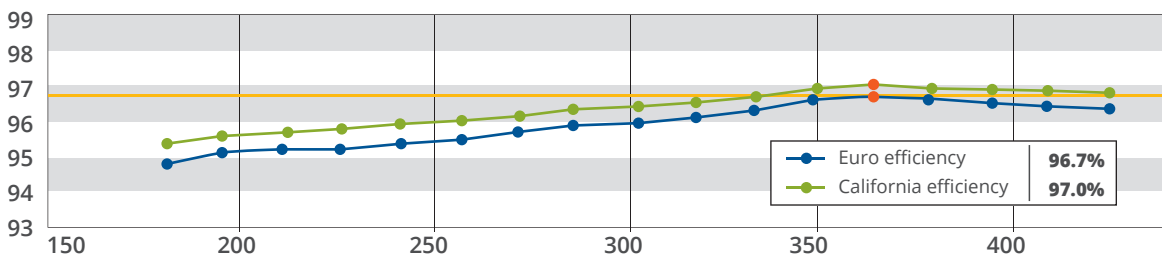


SOLAR INVERTER /

GRID-TIED SNV-GT-SM



- 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.



GRID-TIED SNV-GT-SM

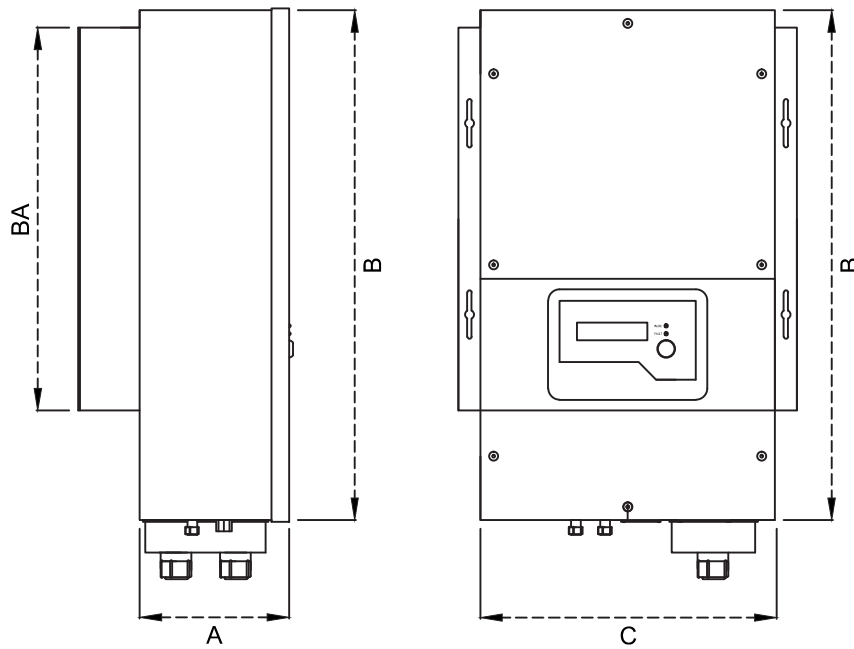
Solar Inverter

TECHNICAL SPECIFICATION

MODEL	SNV-GT-1501SM	SNV-GT-2001SM	SNV-GT-3001SM	SNV-GT-3601SM
INPUT				
MAX. DC INPUT POWER	1800 W	2400 W	3300 W	4000 W
MAX. DC INPUT VOLTAGE	500 Vdc			
MPPT TRACKING VOLTAGE RANGE	150 ~ 450 Vdc (Rated Voltage 360 Vdc)			
NUMBER OF MPPT TRACKING	1			
MAX. INPUT CURRENT <i>for each tracking</i>	9 A	11 A	17 A	20 A
OUTPUT				
RATED OUTPUT POWER	1500 W	2000 W	3000 W	3600 W
MAX. AC OUTPUT POWER	1650 W	2200 W	3100 W	3700 W
RATED OUTPUT VOLTAGE	230 Vac			
OUTPUT VOLTAGE RANGE	184 ~ 276 Vac			
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)			
RATED OUTPUT CURRENT	6.5 A	8.7 A	13 A	15.6 A
MAX. OUTPUT CURRENT	9 A	11 A	15 A	18 A
POWER FACTOR (COS Φ)	1			
THDi	<3%			
SYSTEM FEATURES				
MAX. EFFICIENCY	>96.3%	>96.9%	> 97.5%	> 97.6%
EURO EFFICIENCY	>96.0%	>96.0%	>96.5%	>96.6%
MPPT EFFICIENCY	99.9%			
STANDBY (NIGHT TIME) LOSSES	<0.2 W			
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 (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			

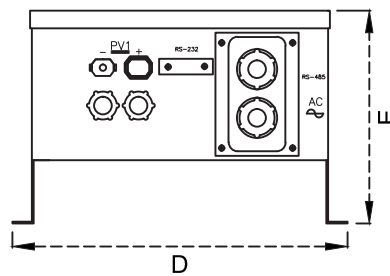
Specifications subject to change without prior notice

DIMENSION SNV-GT-SM
Solar Inverter



SIDE VIEW

FRONT VIEW



BOTTOM VIEW

DIMENSION

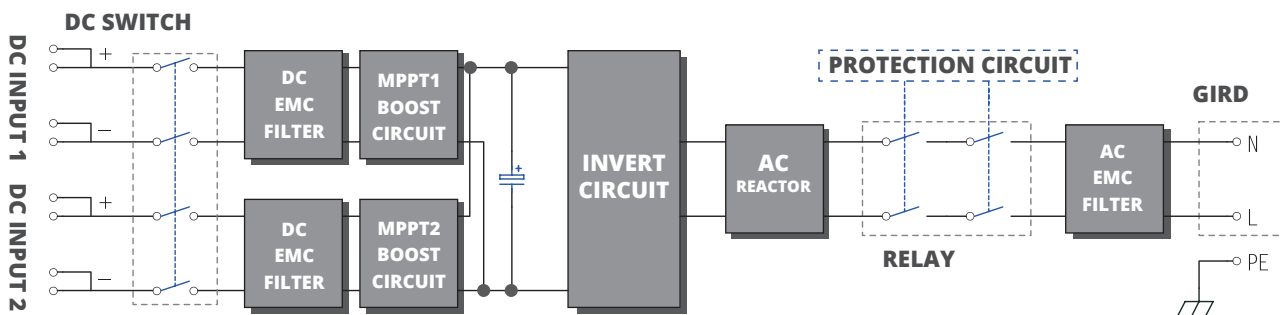
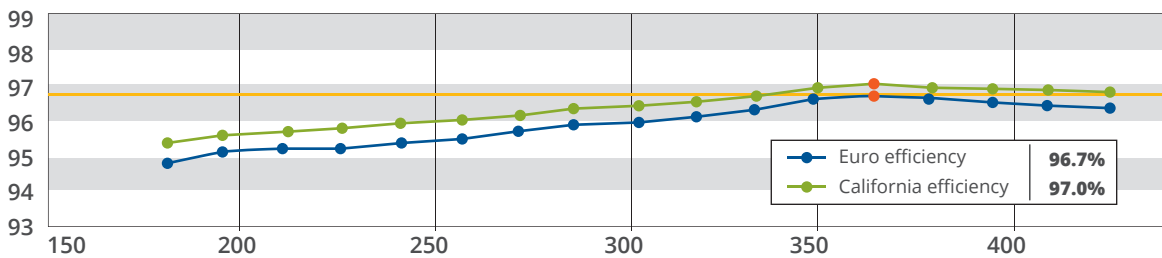
MODEL	SNV-GT-1501SM	SNV-GT-2001SM	SNV-GT-3001SM	SNV-GT-3601SM
A	170	170	170	170
B	580	580	580	580
BA	435	435	435	435
C	335	335	335	335
D	397	397	397	397
E	240	240	240	240

SOLAR INVERTER /

GRID-TIED SNV-GT-DM



- 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.



Communication interface RS485,Wifi (optional)

Intelligent monitoring software and LCD display

GRID-TIED SNV-GT-DM

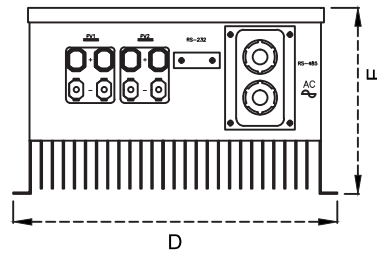
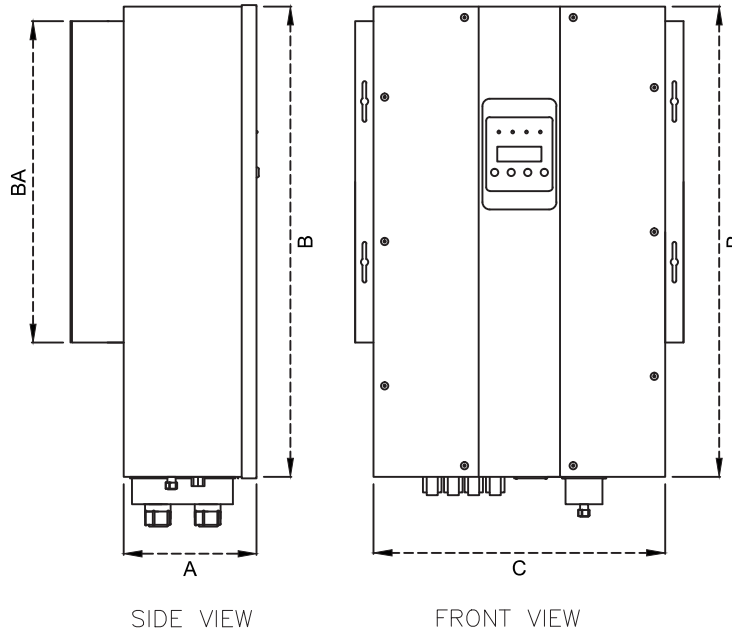
Solar Inverter

TECHNICAL SPECIFICATION

MODEL	SNV-GT-3001DM	SNV-GT-3601DM	SNV-GT-4201DM	SNV-GT-5001DM
INPUT				
MAX. DC INPUT POWER	3300 W	4000 W	4600 W	5500 W
MAX. DC INPUT VOLTAGE	600Vdc			
MPPT TRACKING VOLTAGE RANGE	150 ~ 500Vdc (Rated voltage 360Vdc)			
NUMBER OF MPPT TRACKING	2			
MAX. INPUT CURRENT <i>for each tracking</i>	9 A×2	11 A×2	13 A×2	15 A×2
OUTPUT				
RATED OUTPUT POWER	3000 W	3600 W	4200 W	5000 W
MAX. AC OUTPUT POWER	3100 W	3700 W	4300 W	5100 W
RATED OUTPUT VOLTAGE	230 Vac			
OUTPUT VOLTAGE RANGE	184 ~ 276 Vac			
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)			
RATED OUTPUT CURRENT	13 A	15.6 A	18.3 A	21.7 A
MAX. OUTPUT CURRENT	15 A	18 A	21 A	24 A
POWER FACTOR (COS Φ)	0.9 leading-0.9 lagging			
THDi	<3%			
SYSTEM FEATURES				
MAX. EFFICIENCY	> 97.4%	> 97.4%	> 97.5%	> 97.6%
EURO EFFICIENCY	> 96.6%	> 96.7%	> 96.8%	> 96.8%
MPPT EFFICIENCY	>99.9%			
STANDBY (NIGHT TIME) LOSSES	<0.2 W			
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 (1 meter from surface)			
PROTECTION RATING	IP65			
PHYSICAL				
DIMENSION W x H x D (mm)	395 X 637 X 180			
SHIPPING WEIGHT (KG)	23.5		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			

Specifications subject to change without prior notice

DIMENSION SNV-GT-DM
Solar Inverter



BOTTOM VIEW

DIMENSION

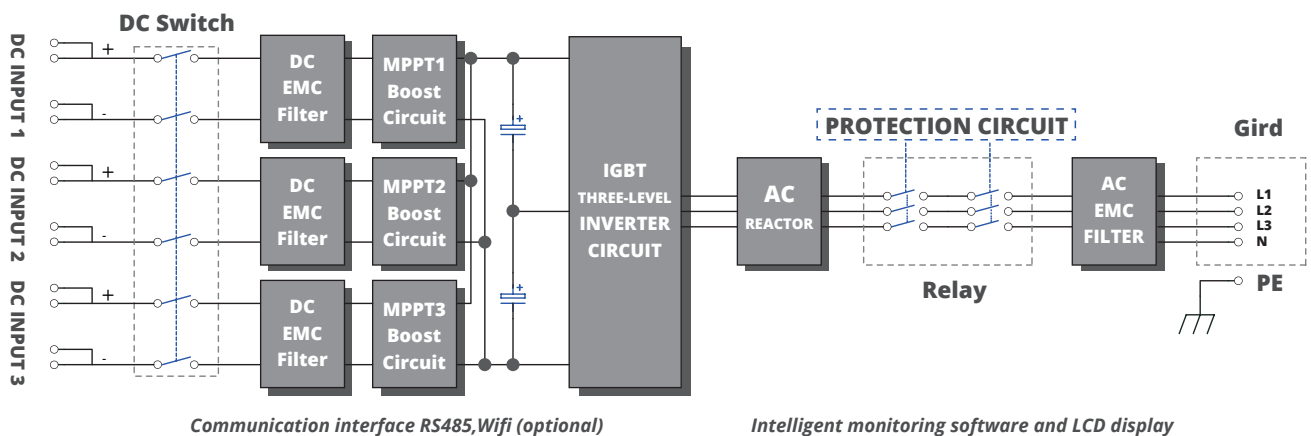
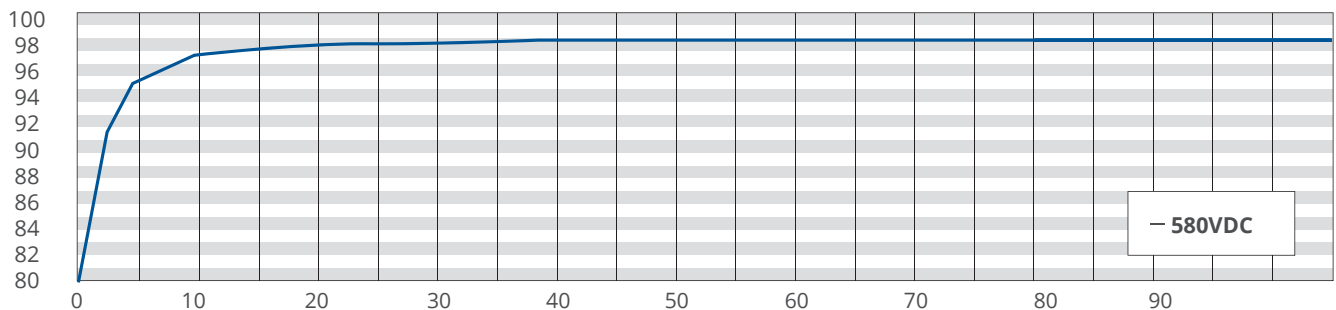
MODEL	SNV-GT-3001DM	SNV-GT-3601DM	SNV-GT-4201DM	SNV-GT-5001DM
A	180	180	180	180
B	637	637	637	637
BA	435	435	435	435
C	395	395	395	395
D	439	439	439	439
E	252	252	252	252

SOLAR INVERTER /

GRID-TIED SNV-GT-TM



- 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 -20 C ~ 60 C
- 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

GRID-TIED SNV-GT-TM

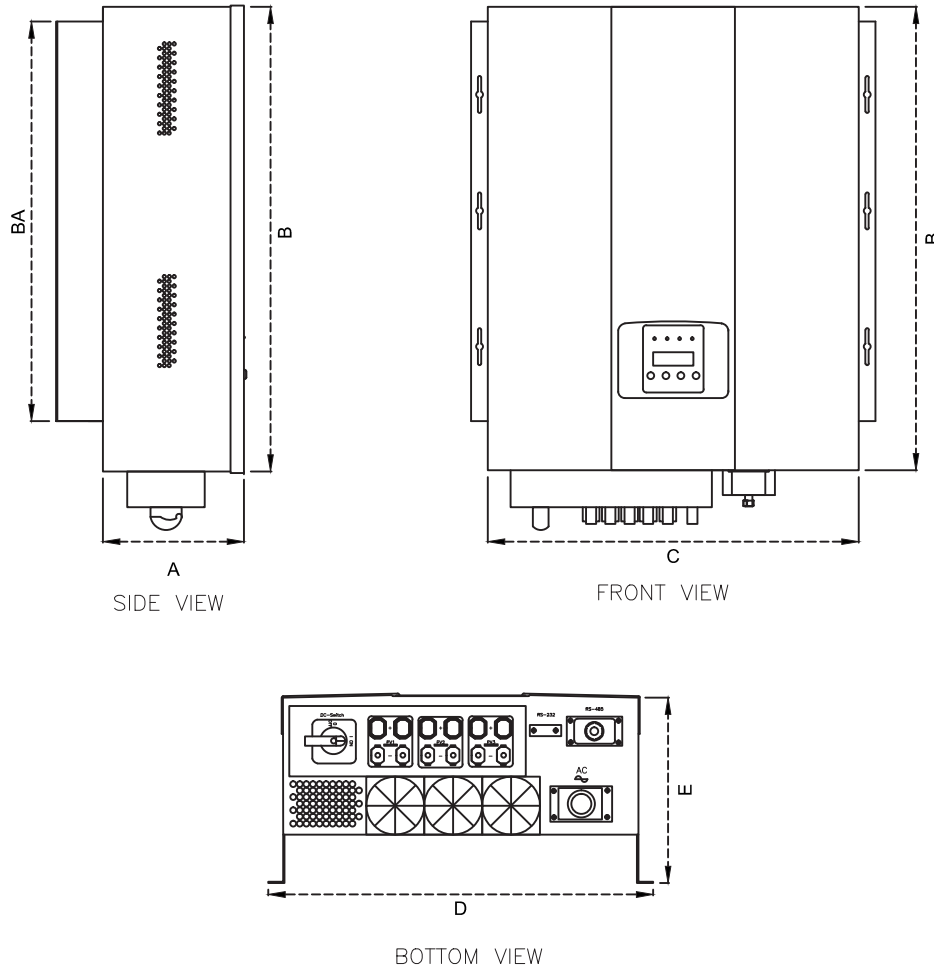
Solar Inverter

TECHNICAL SPECIFICATION

MODEL	SNV-GT-1002TM	SNV-GT-1252TM	SNV-GT-1502TM	SNV-GT-1702TM	SNV-GT-2002TM
INPUT					
MAX. DC INPUT POWER	12 KW	14 KW	17 KW	19 KW	22 KW
MAX. DC INPUT VOLTAGE	900Vdc				
MPPT TRACKING VOLTAGE RANGE	250 ~ 850Vdc (Rated voltage 580Vdc)				
NUMBER OF MPPT TRACKING	3				
MAX. INPUT CURRENT <i>for each tracking</i>	12A×3		17A×3		
OUTPUT					
RATED OUTPUT POWER	10 KW	12.5KW	15 KW	17 KW	20 KW
MAX. AC OUTPUT POWER	10.5 KW	13 KW	15.5 KW	17.5 KW	20.5 KW
RATED OUTPUT VOLTAGE	400 Vac				
OUTPUT VOLTAGE RANGE	400V±20% (adjustable)				
AC OUTPUT TOPOLOGY	3Ph+N+PE, Transformer-less				
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)				
RATED OUTPUT CURRENT	15.2 A	18.1 A	21.7 A	24.6 A	29 A
MAX. OUTPUT CURRENT	17 A	20 A	24 A	27 A	30 A
POWER FACTOR (COS Φ)	0.9 leading ~ 0.9 lagging				
THDi	<3%				
SYSTEM FEATURES					
MAX. EFFICIENCY	> 98.0%	> 98.0%	> 98.1%	> 98.1%	> 98.2%
EURO EFFICIENCY	> 97.5%	> 97.5%	> 97.6%	> 97.6%	> 97.7%
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	-20°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)	506 X 670 X 210		522 X 690 X 210		
SHIPPING WEIGHT (KG)	44		51		
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				

Specifications subject to change without prior notice

DIMENSION SNV-GT-TM
Solar Inverter

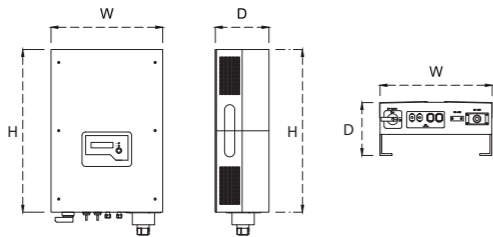


DIMENSION

	SNV-GT-1002TM	SNV-GT-1252TM	SNV-GT-1502TM	SNV-GT-1702TM	SNV-GT-2002TM
A	210	210	210	210	210
B	670	580	690	690	690
BA	595	595	595	595	595
C	506	506	522	522	522
D	550	550	596	596	596
E	276	276	276	276	276

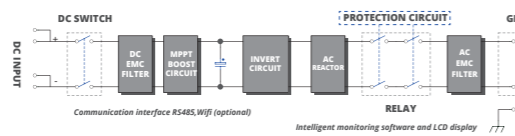
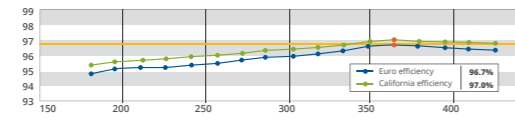
SM SERIES

- SINGLE MPPT



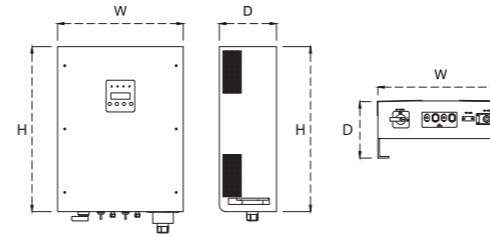
Feature Highlights:

- 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.



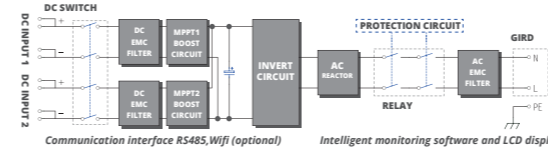
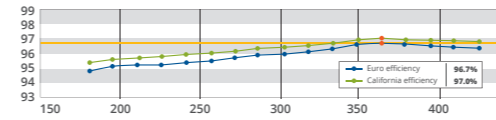
DM SERIES

- DOUBLE MPPT



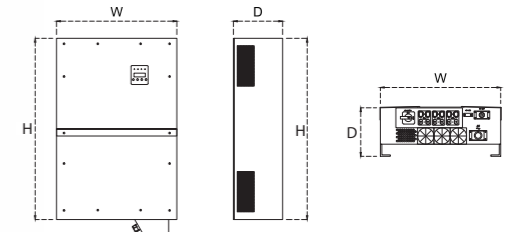
Feature Highlights:

- 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.



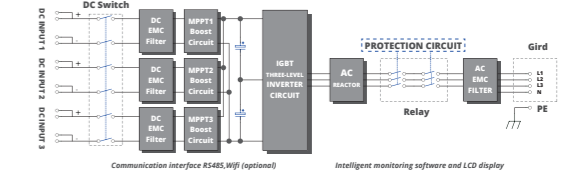
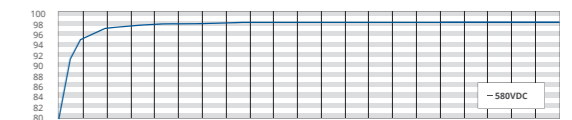
TM SERIES

- 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



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 (Rated Voltage 360 Vdc)		
NUMBER OF MPPT TRACKING	1		
MAX. INPUT CURRENT for each tracking	9 A	11 A	20 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	9.1 A	13.7 A
MAX. OUTPUT CURRENT	5 A	11 A	15 A
POWER FACTOR (COS φ)	1		
THDI	<2%		
SYSTEM FEATURES			
MAX. EFFICIENCY	>96.0%	>96.0%	>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	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)	316 x 475 x 155		
SHIPPING WEIGHT (KG)	12	13	
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		

MODEL	SNV-GT-5001DM	SNV-GT-1002DM	SNV-GT-1502DM	SNV-GT-1702DM	SNV-GT-2002DM
INPUT					
MAX. DC INPUT POWER	5.5 KW	11.5 KW	16.5 KW	18.5 KW	22.5 KW
MAX. DC INPUT VOLTAGE	600 Vdc	1000 Vdc			
MPPT TRACKING VOLTAGE RANGE	150 ~ 500 Vdc (Rated volt 360 Vdc)	250 ~ 950 Vdc (Rated volt 620 Vdc)			
NUMBER OF MPPT TRACKING	2				
MAX. INPUT CURRENT for each tracking	15 A x 2	13 A x 2	21 A x 2		
OUTPUT					
RATED OUTPUT POWER	5 KW	10 KW	15 KW	17 KW	20 KW
MAX. AC OUTPUT POWER	5.1 KW	11 KW	16 KW	18 KW	22 KW
RATED OUTPUT VOLTAGE	230 Vac				
OUTPUT VOLTAGE RANGE	230 Vac±20%		400 Vac±20%		
GRID FREQUENCY RANGE	50/60Hz (±5Hz), (adjustable)				
RATED OUTPUT CURRENT	22.7 A				
MAX. OUTPUT CURRENT	24 A	17 A	24 A	27 A	32 A
POWER FACTOR (COS φ)	0.9 leading-0.9 lagging	0.8 leading-0.8 lagging			
THDI	<2%				
SYSTEM FEATURES					
MAX. EFFICIENCY	97.5%	> 98.0%			
EURO EFFICIENCY	96.5%	> 97.5%	> 97.7%		
MPPT EFFICIENCY	>99.9%				
STANDBY (NIGHT TIME) LOSSES	<5W / <0W				
DC SWITCH	Optional				
COMMUNICATION INTERFACE	RS485 standard, external WiFi or Ethernet (optional)				
ENVIRONMENTAL					
OPERATING TEMPERATURE	-20°C~ +60°C	-25°C~ +60°C			
HUMIDITY RANGE	0 ~ 95% (non-condensing)				
ALTITUDE	2000m				
NOISE LEVEL	<25dB	<40dB (1 meter from surface)			
PROTECTION RATING	IP65				
PHYSICAL					
DIMENSION W x H x D (mm)	395 X 520 X 180	550 X 700 X 250			
SHIPPING WEIGHT (KG)	21	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				

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				
MAX. INPUT CURRENT for each tracking	26 A x 3	36 A x 3	40 A x 3	45 A x 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				
OUTPUT VOLTAGE RANGE	400Vac±20% (adjustable)				
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	IP 65				
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				

Specifications subject to change without prior notice