

SNV-GT1033DT STRING INVERTER

DOUBLE MPPT 10 kW



Feature Highlights:

- Max. PV Voltage up to 1100V
- Single MPPT
- DC power up to 2 ratio
- High efficiency up to 98.6%
- Smaller and lighter
- DC/AC surge protection
- IP65 protection
- WiFi/4G plug optional
- In-Build DC Switch



Max. PV voltage up to 1100V
DC/AC ratio up to 2



Compatible for big capacity PV panel
WiFi / 4G plug optional



Type II DC SPD/Type II AC SPD
IP65 protection



High efficiency up to 98.6%,
Smaller and lighter

INPUT (DC)

SNV-GT1033DT	
Max. recommended PV power	15000W
Max. DC voltage	1100Vdc
Nominal voltage	600Vdc
Start voltage	180V
MPPT voltage range	140V-1000V
Number of MPPT	2
Strings per MPPT	1
Max. input current per MPPT	15A
Max. short-circuit current per MPPT	25A

OUTPUT(AC)

Nominal AC output power	10000W
Max. AC output power	11000VA
Nominal AC voltage	400V 3L+N
AC grid frequency range	50Hz / 60Hz (±5Hz)
Max. output current (A)	16.9A
Power factor (cos Φ)	0.8 leading to 0.8 lagging
THDi	3%

EFFICIENCY

Max. efficiency	98.60%
Euro efficiency	98.10%

PROTECTION DEVICES

DC switch	Yes
Output over current	Yes
Anti-islanding protection	Yes
DC reverse polarity protection	Yes
String fault Detection	Yes
AC/DC surge protection	Type II
Insulation detection	Yes
AC short circuit protection	Yes

GENERAL SPECIFICATIONS

Dimensions W x H x D (mm)	380*483*161
Weight (kg)	<18

ENVIRONMENT

Operating temperature range	-25°C~+60°C
Cooling type	Natural cooling
Max. operation altitude	4000m
Max. operation humidity	0-100% (No condensation)
AC output terminal type	Connector
IP class	IP65
Topology	Transformerless
Communication Interface	RS485/WiFi/4G
Display	LCD
Certification & standard	EN/IEC62109-1/2

*Specifications subject to change without prior notice.