

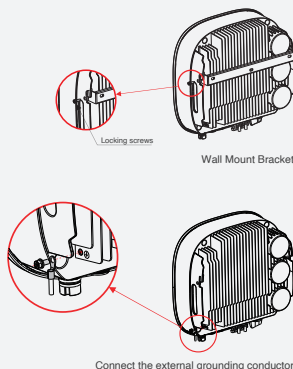
SNV-GT5023DSC STRING INVERTER

DOUBLE MPPT 5 kW



Feature Highlights:

- Max. PV voltage up to 600V
- DC/AC ratio up to 1.35
- Type II DC SPD/Type III AC SPD
- IP65 protection
- Compatible for big capacity PV panel
- WiFi / 4G Plug optional
- High efficiency up to 98.3%
- Smaller and lighter



INPUT (DC)

SNV-GT5023DSC	
Max. recommended PV power	6750W
Max. DC voltage	600Vdc
Nominal voltage	380Vdc
Start voltage	100V
MPPT voltage range	80V-560V
Number of MPPT	2
Strings per MPPT	1
Max. input current per MPPT	15A
Max. short-circuit current per MPPT	18A

OUTPUT(AC)

Nominal AC output power	5000W
Max. AC apparent power	5500VA
Nominal AC voltage	230V L-N
AC grid frequency range	50Hz / 60Hz±5Hz
Max. output current (A)	24A
Power factor (cos Φ)	0.8 leading ~ 0.8 lagging
THDi	<3%

EFFICIENCY

Max. efficiency	98.30%
Euro efficiency	97.90%

PROTECTION DEVICES

DC switch	Yes
Anti-islanding protection	Yes
Output over current	Yes
DC reverse polarity protection	Yes
String fault Detection	Yes
Surge protection	DC Type III; AC Type III
Insulation detection	Yes
AC short circuit protection	Yes

GENERAL SPECIFICATIONS

Dimensions W x H x D (mm)	380*380*150
Weight (kg)	11

ENVIRONMENT

Operating temperature range	-25°C~+60°C
Cooling type	Natural
Max. operation altitude	4000m
Max. operation humidity	0-100%
AC output terminal type	Quick 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.