

SNV-GT3023SSC STRING INVERTER

SINGLE MPPT 3 kW



Feature Highlights:

- Max. PV Voltage up to 600V
- Single MPPT
- DC power up to 1.5 ratio
- High efficiency up to 97.6%
- Smaller and lighter
- DC/AC surge protection
- IP65 protection
- WiFi/4G plug optional



Max. PV voltage up to 600V
DC/AC ratio up to 1.5



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



Type II DC SPD/Type III AC SPD
IP65 protection



High efficiency up to 97.6%,
Smaller and lighter

INPUT (DC)

SNV-GT3023SSC	
Max. recommended PV power	4500W
Max. DC voltage	600Vdc
Nominal voltage	360Vdc
Start voltage	80V
MPPT voltage range	70V-560V
Number of MPPT	1
Strings per MPPT	1
Max. input current per MPPT	13A
Max. short-circuit current per MPPT	16A

OUTPUT(AC)

Nominal AC output power	3000W
Max. AC apparent power	3000VA
Nominal AC voltage	230V L-N
AC grid frequency range	50Hz / 60Hz±5Hz
Max. output current (A)	14A
Power factor (cos Φ)	0.8 leading to 0.8 lagging
THDi	<3%

EFFICIENCY

Max. efficiency	97.60%
Euro efficiency	97.00%

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)	290*390*126.5
Weight (kg)	8.9

ENVIRONMENT

Operating temperature range	-25°C~+60°C
Cooling type	Natural
Max. operation altitude	2000m
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.