

## SNV-GT2023SSC STRING INVERTER

## SINGLE MPPT 2 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-GT2023SSC                       |          |
|-------------------------------------|----------|
| Max. recommended PV power           | 3000W    |
| 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 | 2000W                      |
| Max. AC apparent power  | 2000VA                     |
| Nominal AC voltage      | 230V L-N                   |
| AC grid frequency range | 50Hz / 60Hz±5Hz            |
| Max. output current (A) | 9A                         |
| Power factor (cos Φ)    | 0.8 leading to 0.8 lagging |
| THDi                    | <3%                        |

### EFFICIENCY

|                 |        |
|-----------------|--------|
| Max. efficiency | 97.50% |
| 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.