

SNA3-6k Single phase

Reclaim Your Power

- Intelligent off-grid & hybrid modes
 - Off-grid seamless switching
 - Wide PV input voltage range
 - Great battery compatible capability
 - Single phase / Unbalanced 3-Phase
- Paralleling up to 16 units
- Host inverter automatically generated to manage the entire system
 - Separate generator port available



SpecifiCation

INPUT (PV DC)	SNA3000	SNA4000	SNA5000	SNA6000
Recommended Max. PV Power(per MPP input)	6400W(3200W/3200W)	6400W(3200W/3200W)	6400W (3200W/3200W)	7200W (3600W/3600W)
Number of independent MPP inputs	2 (A : 1 ; B : 1)	2 (A : 1 ; B : 1)	2 (A : 1 ; B : 1)	2 (A : 1 ; B : 1)
DC input voltage range	100 to 480Vdc	100 to 480Vdc	100 to 480Vdc	100 to 480Vdc
MPP voltage range	120 to 385 Vdc	120 to 385 Vdc	120 to 385 Vdc	120 to 385 Vdc
Min. input voltage / initial input voltage	100Vdc / 120Vdc	100Vdc / 120Vdc	100Vdc / 120Vdc	100Vdc / 120Vdc
Max. DC charging current	110A	110A	110A	125A
Max. DC input current	15A	15A	15A	17A
Max. DC short-circuit current input per MPPT	A: 20A ; B : 20A	A: 20A ; B : 20A	A: 20A ; B : 20A	A: 20A ; B : 20A
Max.MPPT Efficiency	99%	99%	99%	99%
Battery				
Compatible battery type	Lithium-ion / Lead-Acid	Lithium-ion / Lead-Acid	Lithium-ion / Lead-Acid	Lithium-ion / Lead-Acid
Rated battery Voltage (Lithium-ion / Lead-Acid)	51.2V / 48V	51.2V / 48V	51.2V / 48V	51.2V / 48V
Max. charging voltage	59V	59V	59V	59V
Grid				
Rated AC voltage	220Vac / 230Vac	220Vac / 230Vac	220Vac / 230Vac	220Vac / 230Vac
Max. AC charging current	100A	100A	100A	100A
AC power frequency range	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Output				
Rated power	3000W	4000W	5000W	6000W
Parallel capacity	16	16	16	16
Rated output voltage	220Vac / 230Vac	220Vac / 230Vac	220Vac / 230Vac	220Vac / 230Vac
Rated output frequency	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Surge power, Duration	6000W , 2 secs maximum	6000W , 2 secs maximum	6000W , 2 secs maximum	6000W , 2 secs maximum
Switching time (UPS / APL)	< 10ms / < 15ms	< 10ms / < 15ms	< 10ms / < 15ms	< 10ms / < 15ms
Wave form	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
General				
Dimensions (W / H / D) (mm)	330 / 504 / 135	330 / 504 / 135	330 / 504 / 135	330 / 504 / 135
Weight	14kg	14kg	14kg	14kg
Ingress protection rating	IP20	IP20	IP20	IP20
Max. permissible value for relatively humidity	95%	95%	95%	95%
Operating environment temperature range(C)	0 to 50 C	0 to 50 C	0 to 50 C	0 to 50 C
Storage temperature range	-15 to 60 C	-15 to 60 C	-15 to 60 C	-15 to 60 C
Display & communication interface	LCD+LED touch screen CAN / RS485 / Wifi / GPRS	LCD+LED touch screen CAN / RS485 / Wifi / GPRS	LCD+LED touch screen CAN / RS485 / Wifi / GPRS	LCD+LED touch screen CAN / RS485 / Wifi / GPRS
Warranty	2 years	2 years	2 years	2 years
Standards				

IEC62109-1 , IEC62109-2 , IEC61000 , IEC62040 , EN61000