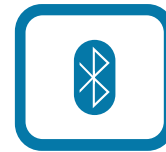


Residential and
Business Hybrid 3-Phase Sol. Inverters

Sol. Inverter SAN 3/3

PowerGlo^W
Energy Management System
Compatible

Web-Interface
and Smartphone App



Bluetooth
Monitoring



Wi-Fi Module
Included



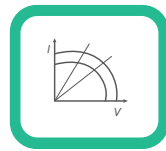
Passive
Cooling



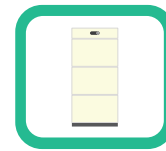
Ingress
Protection 65



High Efficiency
(DC to AC)



2x MPP
Tracker



High-Voltage ESS
Compatible

Model	Sol. Inverter SAN 6k	Sol. Inverter SAN 10k
Rated Output Power	6 000 W	10 000 W
Parallel Operation	Up to 9 Units	
Compatible Battery Type	Lithium-ion / Lead-acid	
Efficiency		
Maximum Efficiency (PV to AC)	98.2 %	98.4 %
DC Input (PV)		
Maximum PV Power	9 000 Wp	15 000 Wp
Maximum PV Voltage	1 000 V	
Start-Up Voltage	200 V	
PV Input Voltage Range	160 V ~ 1 000 V	
MPPT Voltage Range	160 V ~ 950 V	
Maximum Input Current (PV 1 / PV 2)	15 A / 15 A	20 A / 30 A
Maximum Short-Circuit Current	20 A / 20 A	30 A / 40 A
No. of MPP Trackers	2	
String per MPP Tracker (PV 1 / PV 2)	1 / 1	1 / 2

Model	Sol. Inverter SAN 6k	Sol. Inverter SAN 10k
AC Input		
Maximum AC Input Power	6 000 W	10 000 W
Maximum Input Apparent Power	6 000 VA	10 000 VA
AC Start-Up Voltage	340 V	340 V
Input Voltage Range	277 V ~ 520 V	
Input Frequency Range	45 Hz - 55 Hz or 55 Hz - 65 Hz	
Maximum AC Input Current	3 x 25 A	
AC Output		
No. of Phases	Three Phase	
Nominal AC Output Power	6 000 W	10 000 W
Maximum Output Apparent Power (PF=1)	6 000 VA	10 000 VA
Rated Voltage	380/400/415 V (3W+N+PE)	
Voltage Range	277 V ~ 520 V (adjustable)	
Output Frequency	50 Hz or 60 Hz	
Rated Output Current	8.7 A per Phase	14.5 A per Phase
Maximum AC Output Current	3 x 10 A	3 x 16.7 A
Power Factor / Range	> 0.99 at rated power (adjustable 0.8 LD - 0.8 LG)	
Battery Input (Charging)		
Maximum Charge Power	9 000 W	15 000 W
Nominal DC Voltage	200 V ~ 600 V	
Battery Voltage Range	150 V ~ 600 V	
Maximum PV / AC Charge Current	25 A	50 A
Battery Output (Discharging)		
Nominal Output Voltage	380 V / 400 V	
Nominal Output Frequency	50 Hz or 60 Hz	
Output Wave Form	Pure Sine Wave	
Nominal Output Power	6 000 W	10 000 W
Maximum Discharge Power	6 300 W	10 500 W
Nominal Output Current	3 x 9.1 A	3 x 15.2 A
Maximum Discharge Current	25 A	50 A
Transfer Times (AC to Battery)	10 ms (typical) ~ 20 ms (max.)	
Transfer Times in Parellel Operation	< 100 ms	
Protection		
Anti-Islanding Protection	Yes	
Insulation Detection	Yes	
DC (PV) Switch	Yes	
DC Surge Protection	Yes	
AC Surge Protection	Yes	
AC Overcurrent Protection	Yes	
AC Overvoltage Protection	Yes	
EPO (Emergency Power Off)	Yes	
Environment and Logistics		
Maximum Operation Altitude	4000 m	
Ingress Protection Degree	IP65	
Operating Temperature Range	-25°C ~ 45°C	
Relative Humidity	0 ~ 100%	
Cooling	Passive Cooling	
Noise Emission	30 dB	
Dimensions (D x W x H) in mm	215 x 550 x 530	
Weight	26 kg	29 kg