

SINGLE-PHASE S SERIES (G3)

S700-G3 / S1000-G3 / S1500-G3 / S2000-G3 /
S2500-G3 / S3000-G3 / S3300-G3

WAAREE®



High Performance

Low start-up voltage, wide voltage range, 97.4% maximum efficiency



Easy Installation

Flexible configuration, plug and play set-up.



IP65 Rated

Engineered to last with maximum flexibility. Suitable for outdoor installation.



Remote Monitoring

Monitor your system remotely via smartphone app or web portal.

S SERIES (G3)

SINGLE MPPT INVERTERS

Offer a range of single MPPT single-phase inverters offering unparalleled efficiency and performance. Our range starts with the S700-G3 – small and compact and with an ultra-low start-up voltage that will ensure you harvest the most energy possible from your solar panels.



ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.



S SERIES (G3)



Model	S700-G3	S1000-G3	S1500-G3	S2000-G3	S2500-G3	S3000-G3	S3300-G3
INPUT							
PV							
Max. Recommended DC Power [w]	1050	1500	2250	3000	3750	4500	5400
Max. DC Voltage [V]				500			
Nominal DC Operating Voltage [V]				360			
Max. Input Current [A]				20			
Max. Short Circuit Current [A]				26			
MPPT Voltage Range [V]				50-480			
MPPT Voltage Range (Full Load) [V]	80-450	110-450	160-450	210-450	240-450	280-450	300-450
Start-up Voltage [V]				60			
No. of MPP Trackers				1			
Strings per MPP Tracker				1			
OUTPUT							
AC							
nominal AC Power [w]	700	1000	1500	2000	2500	3000	3300
Max. AC Apparent Power [VA]	800	1100	1650	2200	2750	3300	4000
Rated Grid Voltage (AC Voltage Range) [Vac]				220/230/240			
Rated Grid Frequency [Hz]				50/60			
nominal AC current [A]	3.0	4.3	6.5	8.7	10.9	13.0	14.3
Max. AC current [A]	3.5	4.8	7.2	9.6	12.0	14.3	17.4
Displacement Power Factor				1 (0.8 leading ~ 0.8 lagging)			
Total Harmonic Distortion (THDi, Nominal Output) [%]				<3			
EFFICIENCY							
MPPT Efficiency [%]	99.00	99.00	99.00	99.00	99.00	99.00	99.00
Euro-Efficiency [%]	96.50	96.50	96.50	96.80	96.80	96.80	96.80
Max. Efficiency [%]	97.20	97.20	97.30	97.40	97.40	97.40	97.40
PROTECTION							
DC Reverse-polarity Protection				YES			
Anti-islanding Protection				YES			
Insulation Monitoring				YES			
Residual-current Monitoring				YES			
AC Short Circuit Protection				YES			
AC Output Over Current Protection				YES			
AC Output Over Voltage Protection				III (AC) , II (PV)			
Surge Protection				DC/AC : Type II (Optional)			
Temperature Protection				YES			
AFCI Protection				Optional			
Integrated DC Switch				Optional			
GENERAL DATA							
Dimensions (W*H*D) [mm]				290*220*116			
Weight[kg]				5.4			
Cooling Method				Natural Convection			
Topology				Non-isolated			
Noise Emission (typical) [dB]				<30			
Max. Operating Altitude[m]				3000 m (>2000m Derating)			
Operating Temperature Range [°C]				-25 ~ 60			
Humidity [%]				0 ~ 100 (No Condensation)			
Ingress Protection				IP65			
Internal Consumption at Night [W]				<1			
Monitoring Module: WIFI / GPRS				Optional			
Communication				RS485, Meter/CT, ISO alarm			
Display				LCD, Touch Key, App, Website			
STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUEST)							
Safety				EN 62109-1/2, IEC 62109-2, BIS IS 16169, BIS IS 16221-2			
EMC				EN 61000-6-3, EN IEC 61000-3-2/3, EN IEC 61000-6-1/2/4			
Certification				IEC 61727, IEC 62116, IEC 61683, IEC 60068-2-1/2/14/30/64			