

Fox Single Phase Inverter

S Series (G2)

S700-G2 - S3300-G2



High Performance

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



Upgradeable*

Fully optimized for the upgrade to the FOX range of battery storage system.

*Requires additional FOX equipment.



IP65 Rated

Engineered to last with maximum suitability for outdoor installation.



Remote Monitoring

Monitor your system remotely via smartphone app or web portal.

TECHNICAL SPECIFICATIONS

Model S700-G2 S1000-G2 S1500-G2 S2000-G2 S2500-G2 S3000-G2 S3300-G2

INPUT

PV	S700-G2	S1000-G2	S1500-G2	S2000-G2	S2500-G2	S3000-G2	S3300-G2
Max. Input Power[W]	1050	1500	2250	3000	3750	4500	4950
Max. Input Voltage[V]	500						
Start-up Input Voltage[V]	60						
Rated Input Voltage[V]	360						
MPPT Operating Voltage Range[V]	50-480						
Max. Input Current[A]	14						
Max. Short-circuit Current[A]	18						
No. of Independent MPP Trackers	1						
No. of Strings per MPP Tracker	1						

OUTPUT

AC	S700-G2	S1000-G2	S1500-G2	S2000-G2	S2500-G2	S3000-G2	S3300-G2
Rated Output Power[W]	700	1000	1500	2000	2500	3000	3300
Max. Output Apparent Power[VA]	800	1100	1650	2200	2750	3300	3300
Rated Grid Voltage[V]	220/230/240						
Rated Grid Frequency[Hz]	50/60						
Rated Output Current[A]	3.0	4.3	6.5	8.7	10.9	13.0	14.3
Max. Output Current[A]	3.5	4.8	7.2	9.6	12.0	14.3	14.3
Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)						
Total Harmonic Distortion (THDi)	<3%	<3%	<3%	<3%	<3%	<3%	<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

Insulation Monitoring	YES
Residual Current Monitoring	YES
DC Reverse Polarity Protection	YES
Anti-islanding Protection	YES
AC Short-circuit Protection	YES
AC Overcurrent Protection	YES
AC Overvoltage Protection	YES
Surge Protection	Optional (DC/AC: Type II)
DC Switch	Optional
AFCI	Optional (Available in Q2,2022)

GENERAL DATA

Dimensions (WxHxD)[mm]	290*220*116
Weight[kg]	5.4
Cooling Method	Natural Convection
Topology	Transformerless
Noise Emission (typical)[dB]	<30
Max. Operating Altitude[m]	3000
Operating Temperature Range[°C]	-25 ~ 60
Humidity	0 ~ 100% (No Condensation)
Protection Degree	IP65
Internal Consumption at Night[W]	<1
Monitoring Module	WIFI / 4G (Optional)
Communication	RS485, Meter / CT, ISO Alarm
Display	LCD, Touch Key, App, Website

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

Grid Regulation ABNT NBR 16149, ABNT NBR 16150, C10/11, EN 50549-1, PN EN-50549-1, VDE V 0126-1-1, RD 1699, IEC 61727, IEC 62116, IEC 61683, IEC 60068-2-1/2/14/30/64, G98