

Anker SOLIX X1



Model	X1-P6K-S	X1-P5K-S
Battery input		
Battery Type	Li-ion	Li-ion
Battery voltage range	350 to 450 Vd.c.	350 to 450 Vd.c.
Maximum charge / discharge power	6.6 kW*	5 kW
Rated Charge / Discharge Current	17.2 Ad.c.	14.3 Ad.c.
Maximum charge / discharge current	18.9 Ad.c.	14.3 Ad.c.
Maximum Voltage	450 Vd.c.	450 Vd.c.
Rated Voltage	400 Vd.c.	400 Vd.c.
AC input/ output parameters		
Maximum input/ output apparent power	6.6 kVA	5 kVA
Rated input/output active power	6 kW	5 kW
Maximum input/output active power	6.6 kW	5 kW
Rated Apparent Input/output Power	6 kVA	5 kVA
Rated input/output voltage	230 Va.c.	230 Va.c.
Maximum continuous input/output current	28.7 Aa.c.	22.7 Aa.c.
Rated input/output current	26.1 Aa.c.	21.74 Aa.c.
Rated input/output frequency	50 Hz	50 Hz
Power factor	0.8 ind - 0.8 cap	0.8 ind - 0.8 cap
AC output parameters (load)		
Rated output voltage	230 Va.c.	230 Va.c.
Rated output frequency	50 Hz	50 Hz
Rated Apparent OutputPower	6 kVA	5 kVA
Rated Output Current	26.1 Aa.c.	21.74 Aa.c.
Maximum Output Current	28.7 Aa.c.	22.7 Aa.c.
Rated continuous output active power	6 kW	5 kW
Maximum continuous output active power	6.6 kW	5 kW
Maximum continuous output apparent power	6.6 kVA	5 kVA
Power factor	0.8 ind - 0.8 cap	0.8 ind - 0.8 cap
Others		
W×H×D Dimension (mm)	670 × 335 × 150	
Weight	20 kg	
Operating temperature	-20° C to 55° C	
Inverter start-up voltage	100V	
Inverter max efficiency	96%	
Mounting options	Ground or Wall**	
Enclosure type	IP66	
Protection class	Class I	
Warranty	10 years Limited***	
Operating humidity	5% to 95% RH	
Inverter Topology	Non-Isolated	
Active Anti-Islanding Method	Power variation (method c)	
Protection Class	Class I	
Over Voltage Category	OVC III[AC], OVC II[BAT]	
Communications	RS485 and CAN (foforcascading)	
Maximum operating altitude	Up to 4,000 m; Power derating from 2,000 m ****	
Maximum Transmit Power	16 dBm	

* Power output will be derated to 6 kW once the ambient temperature exceeds 45 °C.
**Additional components are needed for wall installation.
***Refer to warranty terms for details
****2000m maximum for Australia models.
Made in China.
Anker Innovations Limited