

NEW

FROM SOLAX

AC HYBRID

X1-Fit-3.7kW

X1-Fit-4.6kW

X1-Fit-5.0kW



Features:

- Air Cooled
- Quiet & Low Maintenance
- Max Efficiency up to 97%
- Multiple protections: RCD, isolation, over voltage, over temperature, earth protection, short-circuit protection, etc
- Can be installed in parallel for scalability
- Compatible with high-voltage batteries



Get in touch now:

Global: +86 571-56260008
AU: +61 1300 476529

DE: +49 7231 4180999
UK: +44 2476 586998

Website: www.solaxpower.com
Email: info@solaxpower.com



X1-Fit-3.7kW

X1-Fit-4.6kW

X1-Fit-5.0kW

OUTPUT AC	E Version	C Version	E Version	C Version	E Version	C Version
Normal AC power [VA]	3680	3680	4600	4600	4999	4999
Max. apparent AC power [VA]	3680	3680	4600	4600	4999	4999
Rated grid voltage(AC voltage range) [V]	230	230	230	230	230	230
Rated grid Frequency [Hz]	50/60		50/60		50/60	
Normal AC current [A]	16	16	20	20	21.7	21.7
Max. AC current [A]	16	16	21	21	21.7	21.7
Displacement power factor	0.8 leading to 0.8 lagging		0.8 leading to 0.8 lagging		0.8 leading to 0.8 lagging	
Total harmonic distortion (THDi, rated power)	<2%		<2%		<2%	
parallel operation	Yes		Yes		Yes	
Load control	Yes(optional)		Yes(optional)		Yes(optional)	
INPUT AC						
Normal AC power [VA]	3680	3680	4600	4600	4999	4999
Max. AC current [A]	16	16	21	21	21.7	21.7
Rated grid voltage(AC voltage range) [V]	230	230	230	230	230	230
Rated grid Frequency [Hz]	50/60		50/60		50/60	
Displacement power factor	0.8 leading to 0.8 lagging		0.8 leading to 0.8 lagging		0.8 leading to 0.8 lagging	
BATTERY						
Battery voltage range [V]	85-400		85-400		85-400	
Recommended battery voltage [V]	300VDC		300VDC		300VDC	
Max.charge/discharge power [W]	6000W		6000W		6000W	
Max.charge/discharge current [A]	20A (adjustable)		20A (adjustable)		20A (adjustable)	
Peak charge/discharge current [A]	30A,30S		30A,30S		30A,30S	
Communication interfaces	CAN/ RS485		CAN/ RS485		CAN/ RS485	
Reverse connect protection	YES		YES		YES	
EPS OUTPUT(WITH BATTERY)						
EPS MAX power [VA]	5000	/	6000	/	6000	/
EPS rated power [VA]	4000	/	5000	/	5000	/
EPS rated voltage[V],Frequency [Hz]	230, 50/60		230, 50/60		230, 50/60	
EPS rated current [A]	17.4	/	21.7	/	21.7	/
EPS MAX current [A]	21.7	/	26	/	26	/
EPS peak power [W]	8000, 10s		8000, 10s		8000, 10s	
Switch time[s]	<0.5		<0.5		<0.5	
Total harmonic distortion (THDv, linear Load) [%]	<2		<2		<2	
Parallel operation	YES		YES		YES	
Changeover device	External		External		External	
Compatible with the generator	YES (Signal Provided)		YES (Signal Provided)		YES (Signal Provided)	
EFFICIENCY						
Max. Battery charge efficiency (AC to BAT)(@full load) [%]	95.60		95.60		95.60	
Max. Battery discharge efficiency (BAT to AC)(@full load) [%]	97.00		97.00		97.00	
POWER CONSUMPTION						
Internal consumption (Idle) [W]	<3		<3		<3	
Idle mode	YES		YES		YES	
STANDARD						
Safety	IEC62109-1 / -2 / IEC62040 /					
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3					
Certification	AS4777 / VDE-AR-N 4105 / CEI 0-21 / EN50438 / VDE126-1-1 / G59					
ENVIRONMENT LIMIT						
Ingress protection	IP65		IP65		IP65	
Operating temperature range [°C]	-20..... +60 (derating at +45)		-20..... +60 (derating at +45)		-20..... +60 (derating at +45)	
Humidity [%]	0~95 (non-condensing)		0~95 (non-condensing)		0~95 (non-condensing)	
Altitude [m]	<2000		<2000		<2000	
Storage temperature [°C]	-20..... +60		-20..... +60		-20..... +60	
Noise emission (typical) [dB]	<40		<40		<40	
Over voltage category	III (MAINS), II (DC)		III (MAINS), II (DC)		III (MAINS), II (DC)	
DIMENSION AND WEIGHT						
Dimensions (WxHxD) [mm]	482*464*182					
Weight [kg]	26.85					
Cooling concept	Natural					
Topology	Non-isolated					
Communication	Ethernet, Meter, WIFI(optional), RF(optional), DRM, USB, ISO alarm					
LCD display	Backlight 20*4 character					
Button	Capacitive Touch Sense					
Standard warranty [years]	5					

*Can be modified without notice.(V1)