

NEW

FROM SOLAX

X1-Retro Fit

X1-Fit-3.7kW/4.6kW/5.0kW

Three Versions will be Available



Features:

- Natural Cooling, quiet and low maintenance
- Max Efficiency up to 97%
- Multiple protection:RCD, isolation,over voltage, over temperature, earth protection,short-circuit protection,etc
- Install inverters in parallel for scalability
- Compatible with High-Voltage batteries
- Transformer-less on EPS mode



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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
Norminal 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]	220/230/240 (180 to 270)		220/230/240 (180 to 270)		220/230/240 (180 to 270)	
Rated grid Frequency[Hz]	50/60		50/60		50/60	
Norminal 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	
THDi, rated power [%]	<2%		<2%		<2%	
parallel operation	Yes		Yes		Yes	
Load control	Yes(optional)		Yes(optional)		Yes(optional)	
INPUT AC						
Norminal 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]	220/230/240 (180 to 270)		220/230/240 (180 to 270)		220/230/240 (180 to 270)	
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]	300		300		300	
Max.charge/discharge power[W]	6000		6000		6000	
Max.charge/discharge current[A]	20		20		20	
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], Duration [s]	8000, 10		8000, 10		8000, 10	
Switch time[s]	<0.5		<0.5		<0.5	
Total harmonic distortion(THDv, linear Load) [%]	<2		<2		<2	
Parallel operation	Being developed	/	Being developed	/	Being developed	/
Changeover device	External		External		External	
Compatible with the generator	Being developed		Being developed		Being developed	
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					
Cetification	VDE 0126-1-1 A1:2012 / VDE-AR-N 4105 / G83 / G59 / AS4777 / EN50438 / CEI 0-21 / VDE 2510					
ENVIRONMENT LIMIT						
Ingress protection	IP65					
Operating temperature range[°C]	-20..... +60 (derating at +45)					
Humidity[%]	0~95 (non-condensing)					
Altitude[m]	<2000					
Storage temperature[°C]	-20..... +60					
Noise emission(typical)[dB]	<40					
Over voltage category	III(electric supply side), II(battery side)					
DIMENSION AND WEIGHT						
Demensions(WxHxD) [mm]	460*477*181.5					
Weight [kg]	26.85					
Cooling concept	Natural					
Topology	Transformerless					
Communication	Ethernet, Meter, WIFI(optional), RF(optional), DRM, USB, ISO alarm					
LCD display	Bcaklight 20*4 character					
Button	Capacitive Touch Sense					
Standard warranty [year]	5					

*Can be modified without notice.(V1)