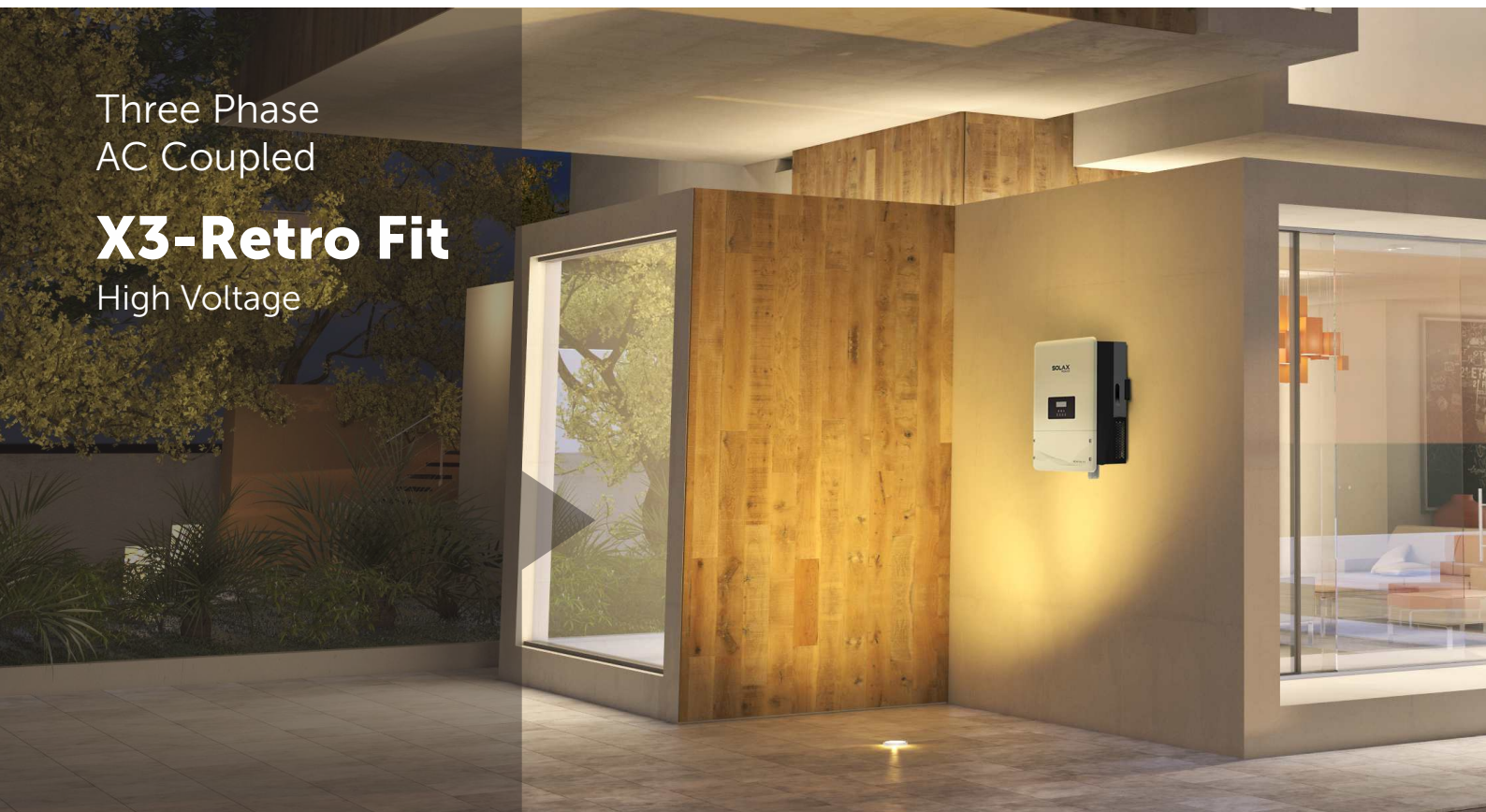


Three Phase
AC Coupled

X3-Retro Fit

High Voltage



**Simple.
Reliable.
Efficient**



High
Efficiency



Battery
Solution



IP65
Rated



Remote
Monitoring

8kW

10kW

X3-Fit-8.0E / X3-Fit-10.0E

SolaX Power is delighted to announce the release of our new X3 Retro Fit Charger. Generate energy from your solar panels during the day, once the background load is satisfied, the intelligent SolaX X3 Retro Fit will direct excess energy into your battery for later use. Enabling you to make the most use of your generated energy. If your home experiences a loss of power, the X3 Retro Fit will then send the stored power back to the home, ensuring you are never left in the dark even during a power-cut.



Version: E,C
E:with EPS function C:without EPS function



X3-RETRO FIT (THREE PHASE) E:with EPS function

X3-Fit-8.0E

X3-Fit-10.0E

OUTPUT (AC)

Nominal AC power [VA]	8000	10000
Max. apparent AC power [VA]	8000	10000
Nominal grid voltage(AC voltage range) [V]	400V/230VAC;380/220VAC	
Nominal grid frequency/range [Hz]	50/60	
Nominal AC current [A]	11.6	14.5
Max. AC current [A]	12.8	16.0
Displacement power factor	0.8 leading to 0.8 lagging	
THDi, rated power [%]	<2	

INPUT AC

Max. apparent AC power[VA]	7000	7000
Max. AC current[A]	11.2	11.2
Nominal grid voltage(AC voltage range)[V]	400/230;380/220	
Nominal grid Frequency/range[Hz]	50/60	

OUTPUT DC (BATTERY)

Battery voltage range [V]	170-500	
Max.continuous charge/discharge current [A]	25	
Communication interfaces	CAN/ RS485	
Reverse connect protection	YES	

EPS OUTPUT(WITH BATTERY)

EPS MAX. continuous apparent power [VA]	8000	10000
EPS rated voltage[VAC],Frequency [Hz]	400/230;380/220 50/60	400/230;380/220 50/60
EPS MAX.continuous current [A]	11.6	14.5
EPS peak apparent power [VA] Duration [s]	12000 60	15000 60
Changeover time [ms]	<500	<500
THDv, linear Load [%]	<2	<2
Changeover device	external	external
Three phases unbalanced	YES	

EFFICIENCY

MPPT efficiency	99.9	
Euro efficiency	97.0	
Max. Battery charge efficiency (GRID to BAT)	97.6	
Max. Battery discharge efficiency (BAT to AC)	96.0	

POWER CONSUMPTION

Standby consumption (Night) [W]	<7	
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SAFETY& PROTECTION

Over/under voltage protection	Yes	
Monitoring ground fault protection	Yes	
Grid protection	Yes	

STANDARD

Safety	IEC62477	
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3	
Certification	VDE 0126-1-1 A1:2012 / VDE-AR-N 4105 /G98 / G99 / AS4777 / EN50438/ CEI 0-21	

ENVIRONMENT LIMIT

Degree of protection(according to IEC60529)	IP65	
Operating temperature range [°C]	-20..... +60 (derating at +45)	
Max. operation altitude [m]	2000	
Humidity [%]	0~100 (non-condensing)	
Storage temperature [°C]	-20..... +60	
Typical noise emission [dB]	40	

DIMENSION AND WEIGHT

Dimensions(WxHxD) [mm]	457*654*228	
Weight [kg]	38	
Cooling concept	Natural	
Topology	Non-isolated	
Communication interfaces	Ethernet/Meter/Pocket WiFi(optional)/Pocket LAN(optional)/Pocket GPRS(optional)/DRM/USB/ISO alarm/CAN/BMS/NTC	
LCD display	Backlight 20*4 character	
Standard warranty [year]	5	