



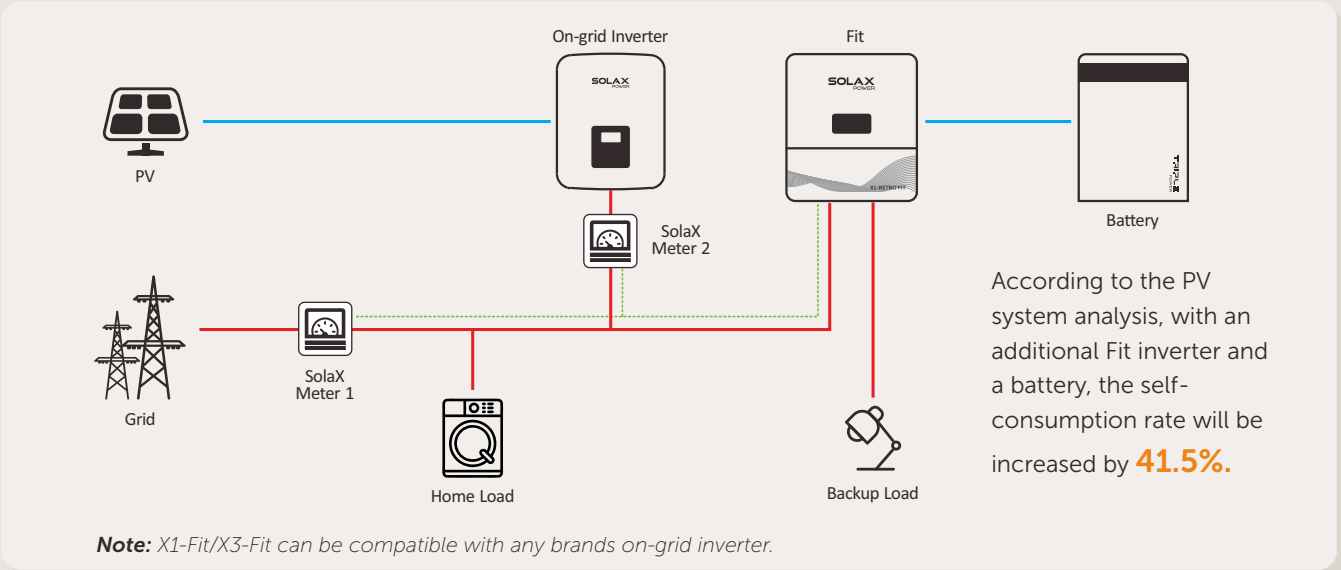
Here 's a chance to pay €0 for electricity bill .

Why Not ?

Just add the SolaX Power **X1-Fit** to your existing or new build solar system, you're one more step closer to energy independence.



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



According to the PV system analysis, with an additional Fit inverter and a battery, the self-consumption rate will be increased by **41.5%**.

Note: X1-Fit/X3-Fit can be compatible with any brands on-grid inverter.



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X1-RETRO FIT (SINGLE PHASE)

Version: E,C,I
 E:with EPS function
 C:without EPS function
 I:internal EPS function device

X1-FIT-3.7kW

X1-FIT-4.6kW

X1-FIT-5.0kW

OUTPUT (AC)	X1-FIT-3.7kW			X1-FIT-4.6kW			X1-FIT-5.0kW		
	C Version	E Version	I Version	C Version	E Version	I Version	C Version	E Version	I Version
Nominal AC power [VA]		3680			4600			4999	
Max. apparent AC power [VA]		3680			4600			4999	
Nominal grid voltage(AC voltage range) [V]		220/230/240 (180 - 270)			220/230/240 (180 - 270)			220/230/240 (180 - 270)	
Nominal grid frequency/range [Hz]		50/60			50/60			50/60	
Nominal AC current [A]		16			20			21.7	
Max. AC current [A]		16			21			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	
INPUT AC									
Max. apparent AC power[VA]		3680	7680		4600	9600		4999	9999
Max. AC current[A]		16	37.7		21	47		21.7	47.7
Nominal grid voltage(AC voltage range)[V]		220/230/240 (180 - 270)			220/230/240 (180 - 270)			220/230/240 (180 - 270)	
Nominal grid Frequency/range[Hz]		50/60			50/60			50/60	
BATTERY									
Battery voltage range [V]					85-400				
Recommended battery voltage[V]					300				
Max.continuous charge/discharge current [A]					20				
Communication interfaces					CAN/ RS485				
Reverse connect protection					YES				
EPS OUTPUT(WITH BATTERY)									
EPS MAX. continuous apparent power [VA]		-	5000		-	6000		-	6000
EPS rated voltage[V],Frequency [Hz]		-	230, 50/60		-	230, 50/60		-	230, 50/60
EPS MAX.continuous current [A]		-	21.7		-	26		-	26
EPS peak apparent power [VA]		-	6000		-	8000		-	8000
Changeover time [ms]		-	<500 <20		-	<500 <20		-	<500 <20
THDv, linear Load [%]		-	<2		-	<2		-	<2
Changeover device		-	External Internal		-	External Internal		-	External Internal
EFFICIENCY									
Max. Battery charge efficiency (GRID to BAT)					95.60				
Max. Battery discharge efficiency (BAT to AC)					97.00				
POWER CONSUMPTION									
Standby consumption (Night) [W]					<15 for hot standby, <3 for cold standby				
SAFETY& PROTECTION									
Over/under voltage protection					YES				
Monitoring ground fault protection					YES				
Grid protection					YES				
STANDARD									
Safety					IEC61407				
EMC					EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3				
Certification					VDE 0126-1-1 A1:2012 / VDE-AR-N 4105 /G99 / G98 / AS4777 / EN50549/ CEI 0-21 / VDE 2510 / and so on				
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 (condensing)				
Storage temperature [°C]					-20 ~ +60				
Typical noise emission [dB]					40				
DIMENSION AND WEIGHT									
Dimensions(WxHxD) [mm]					476*464*180				
Weight [kg]					23				
Cooling concept					Natural				
Topology					Non-isolated				
Communication interfaces					Ethernet/Meter/Pocket WiFi(optional)/Pocket LAN(optional)/Pocket GPRS(optional)/DRM/USB/ISO alarm/CT				
LCD display					Backlight 20*4 character				
Standard warranty [year]					5-10				