



# NEW FROM SOLAX

## X1-FIT G4



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3.7kW/5.0kW/6.0kW/7.5kW

## Features

### High-efficient

- 110% overload output in on-grid situation
- Maximum 120% overload output in off-grid situation for one hour
- Higher efficiency on charging and discharging, up to 97.0%

### Economic

- Store the surplus energy to battery
- Less energy loss on battery to inverter

### Intelligent

- Switchover time <10ms
- Quick configuration with U-disk
- Lithium & Lead-acid battery compatible
- CT compatible, loads respond within 0.3s
- Intelligent loads management(e.g., Heat pump)
- On & Off-grid parallel function, up to 15kW
- 5 work modes, 2 charging periods available
- VPP ready, ancillary service in power market

### Safe

- IP65 protection level
- Integrated SPD

### Contact Us for More Informations

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## X1-FIT-3.7-W

## X1-FIT-5.0-W

## X1-FIT-6.0-W

## X1-FIT-7.5-W

### AC INPUT & OUTPUT

Nominal AC output power [W]	3680	5000	6000	7500
Max. AC output apparent power [VA]	3680	5500(4600 for VDE4105, 4999 for AS4777, 5000 for C10/11)	6600	7500
Max. AC output current [A]	16	23.9	28.6	32.6
Max. AC input apparent power [VA]	7360	9200	9200	9200
Max. AC input current [A]	32	40	40	40
Nominal AC voltage	220 / 230 / 240			
Nominal grid frequency [Hz]	50 / 60			
Displacement power factor	0.8 leading~0.8 lagging			
THDi, rated power [%]	<2			

### BATTERY DATA

Battery Type	Li-ion battery / Lead acid battery			
Battery voltage range [V]	80~480			
Max.continuous charge/discharge current [A]	30			

### EPS(OFF-GRID OR BACK-UP) OUTPUT (WITH BATTERY)

Nominal output power [W]	3680	5000	6000	7500
Peak apparent power [VA, min]	4416, 60	6000, 60	7200, 10	7500
Max.continuous current [A]	16	21.7	26.1	32.6
Nominal Voltage[V]; Frequency [Hz]	230; 50 / 60			
Switch time [ms]	<10			
Parallel Operation	YES			

### SYSTEM DATA

Battery charge/discharge efficiency [%]	97.0 / 97.0			
Standby consumption [W] @Night	<3			
Degree of protection	IP65			
Operating temperature range [°C]	-35 ~ +60 (Derating above +45)			
Max. operation altitude [m]	<3000			
Relative humidity [%]	0 ~ 100			
Typical noise emission [dB]	<30	<30	<30	<45
Storage temperature [°C]	-40 ~ 70			
Dimensions [WxHxD] [mm]	482x417x181			
Net Weight [kg]	23			
Cooling concept	Natural cooling	Natural cooling	Natural cooling	Smart cooling
Communication interfaces	CT/ Meter(optional) / External control RS485 / Pocket series (optional) / DRM / USB Upgrade			

### STANDARD

Safety	EN/IEC62109-1/-2			
EMC	EN61000-6-1/2/3/4, EN61000-3-2/3/11/12			
Certification	VDE4105 / G99 / G98 / AS4777 / EN50549 / CEI 0-21 / IEC61727/ C10/11			