



# NEW FROM SOLAX

## X1-FIT G4



### X1-FIT G4

3.7kW/4.6kW/5.0kW/  
6.0kW/7.5kW

## Features

### High-efficient

- Up to 110% AC overload output
- 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

- 150% EPS output, 10s
- Switchover time <10ms
- Quick configuration with U-disk
- Lithium-ion & 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 150kW
- 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 G4

X1-FIT-3.7-W

X1-FIT-4.6-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	4600	5000 (Germany 4600, AU 4999)	6000	7500
Max. AC output apparent power [VA]	3680	4999 (Germany 4600)	5500 (4600 for VDE4105, 4999 for AS4777)	6600	7500
Max. AC output current [A]	16	21.7 (Germany 20)	23.9 (Germany 20, AU 21.7)	28.6	32.6
Max. AC input apparent power [VA]	7360	9200	9200	9200	9200
Max. AC input current [A]	32	40	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	Lithium-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	4600	5000	6000	7500
Peak apparent power [VA, min]	6000, 10s	6900, 10s	7500, 10s	9000, 10s	11250, 10s
Max.continuous current [A]	16	21.7	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				
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				< 45
Storage temperature [°C]	-40 ~ +65				
Dimensions [WxHxD] [mm]	482 x 417 x 181				
Net Weight [kg]	23				
Cooling concept	Natural cooling				Smart cooling
Communication interfaces	CT / Meter (optional), External control RS485, Pocket series (optional), DRM, USB Upgrade				

## POWER CONSUMPTION

Internal consumption (night) [W]	< 17W for standby, < 2.7W for idle				
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## 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				

\*V2.7. Information may be subject to modify without notice.