NEW FROM SOLAX
X3-FIT G4

X3-FIT G4
6kW/8kW/10kW/15kW

Features

High-efficient
- 110% overload output in on-grid situation
- Maximum 150% overload output
- Higher efficiency on charging and discharging, up to 98.5%

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 150kW
- 5 work modes, 2 charging periods available
- VPP ready, ancillary service in power market

Safe
- IP65 protection level
- Integrated SPD

X3-FIT-G4

	X3-FIT-6.0-W	X3-FIT-8.0-W	X3-FIT-10.0-W	X3-FIT-15.0-W
AC INPUT & OUTPUT				
Nominal AC output power [W]	6000	8000	10000	15000
Max. AC output apparent power [VA]	6600	8800	11000	15000
Max. AC output current [A]	9.7	12.9	16.1	24.1
Max. AC input apparent power [VA]	12000	16000	20000	20000
Max. AC input current [A]	19.3	25.8	32	32
Nominal AC voltage [V]	380 / 220; 400 / 230; 415 / 240			
Nominal grid frequency [Hz]	50 / 60			
Displacement power factor	0.8 leading~0.8 lagging			
THDi (rated power) [%]	<3			
BATTERY DATA				
Battery type	Li-ion battery/Lead-Acid Battery			
Battery voltage range [V]	180~800			
Max. continuous charge/discharge current [A]	30			
EPS(OFF-GRID OR BACK-UP) OUTPUT (WITH BATTERY)				
Nominal output power [W]	6000	8000	10000	15000
Peak apparent power [VA,s]	9000,60	12000,60	15000,60	16500,60
Max.continous current [A]	8.7	11.6	14.5	21.8
Nominal voltage[V]; Frequency [Hz]	400 / 230; 50 / 60			
Switch time [ms]	<10			
Parallel operation	YES			
SYSTEM DATA				
Battery charge/discharge effciency [%]*1	98.5 / 97.5			
Standby consumption [W] @Night	<5			
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]	<35	<35	<45	<45
Storage temperature [°C]	-40~+70			
Dimensions(W×H×D) [mm]	503×503×199			
Net weight [kg]	30			
Cooling concept	Natural cooling	Natural cooling	Nature cooling	Smart cooling
Communication interfaces	CT/ Meter(optional)/ External control RS485/(Optional: Pocket WiFi/Lan/4G)/ DRM/ USB Upgrade/NTC(optional)			
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 / PEA/MEA / NRS-097-2-1 / RD1699 / TOR			

*V2.3. Information may be subject to modify without notice.650.00019.00