

X3-FIT

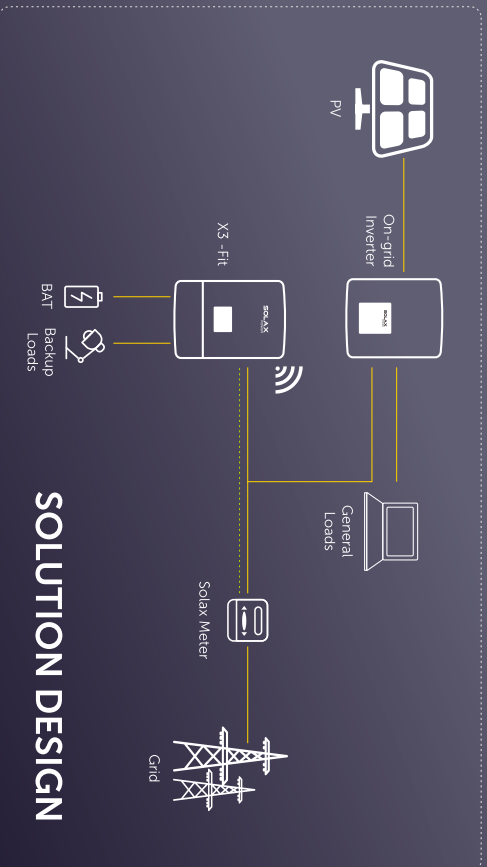
- C: Without EPS/Off-grid or back-up function
- E: With EPS/Off-grid or back-up function

THREE-PHASE AC COUPLED HYBRID INVERTER 8.0/10.0KW



Features

- VPP function
- Working temperature: -20°C to 60°C
- IP65 Protection level
- Remote upgrade and control
- Parallel function on-grid & off-grid
- Flexible peak shaving



SOLUTION DESIGN

X3-FIT THREE-PHASE

X3-FIT-8.0E/C

X3-FIT-10.0E/C

AC INPUT & OUTPUT	E Version	C Version	E Version	C Version
Nominal AC output power [W]	8000	8000	10000	10000
Nominal AC output current [A]	11.6	11.6	14.5	14.5
Max. AC output apparent power [VA]	8000	8000	10000	10000
Max. AC output current [A]	12.8	12.8	15.9	15.9
Max. AC input apparent power [VA]	8000	8000	10000	10000
Max. AC input current [A]	12.8	12.8	15.9	15.9
Nominal AC voltage [V]			400/230; 380/220	
Nominal grid frequency/Grid frequency range [Hz]			50/60	
Displacement power factor			0.8 leading-0.8 lagging	
THDI (rated power) [%]			<2	

BATTERY DATA

Battery type		Lithium battery/Lead-acid battery
Battery voltage range [V]		160-800
Max. continuous charge/discharge current [A]		35(0.5H)

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

Nominal output power [W]*1	8000	-	10000	-
Peak apparent power [VA]*1	8000/60s	-	10000/60s	-
Max. continuous current [A]	11.6	-	14.5	-
Nominal voltage[V]/Frequency [Hz]	400/230; 380/220; 50/60	-	400/230; 380/220; 50/60	-
THDV (Linear Load) [%]	<2	-	<2	-
Switch time [s]	<1.5	-	<1.5	-

SYSTEM DATA

Max. efficiency [%]		97.8
Battery charge/discharge efficiency [%]		96.0/96.5
Standby consumption [W] @Night		<25 for hot standby; <3 for cold standby
Degree of protection		IP65
Operating temperature range [°C]		-20 ~ +60 (derating at +45)
Max. operation altitude [m]		<2000
Humidity [%]		0-100
Typical noise emission (dBI)		40
Storage temperature [°C]		-20-60
Dimensions(WXHXD) [mm]		457*654*228
Net weight [kg]		38
Cooling concept		Nature cooling
Communication interfaces		Ethernet/Meter/Pocket Wi-Fi(optional)/Pocket LAN(optional)/Pocket GPS(optional)/DRM/USB/ISO alarm/CAN/BMS/NTC

STANDARD

Safety		EN/IEC62109-1/-2
EMC		EN61000-6-1/2/3/4; EN61000-3-2/3/11/12
Certification		VDE 0126-1-1; AI 2012 / VDE-AR-N 4105 / G98 / AS4777 / EN50549 / CEI 0-21