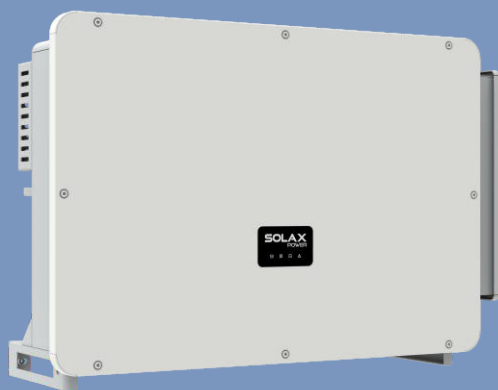


# NEW FROM SOLAX

## X3-FORTH



### X3-FORTH

80kW/100kW/110kW  
120kW/136kW/150kW

### Features

- 2 Strings per MPP tracker, 12 MPP trackers
- Max. DC input current 16A per string, max. DC input current 32A for each MPP tracker, supporting double side arrays
- Max. 150% oversizing DC input power; Max. 110% apparent AC output power
- RS485/PLC communication interfaces available; bluetooth, Wi-Fi/GPRS available
- Remote error diagnoses and firmware upgrade; dispatching grid power remotely; reactive power compensating during night.
- Smart air cooling, adjustable fan speed
- Current monitoring on each MPP tracker, smart I-V curve scan
- Support electric ARC monitoring(optional), AC output terminal temperature monitoring

Contact Us for More Informations

www.solaxpower.com  
AU: +61 1300 476529  
DE: +49 6142 4091664

Global: +86 571-56260008  
UK: +44 2476 586998  
NL: +31 (0) 852 737932

info@solaxpower.com  
service@solaxpower.com





# X3-FORTH (THREE PHASE)

O:Without LCD L:With LCD

	X3-80K-O	X3-100K-O	X3-110K-O	X3-120K-O	X3-136K-MV-O	X3-150K-MV-O
	X3-80K-L	X3-100K-L	X3-110K-L	X3-120K-L	X3-136K-MV-L	X3-150K-MV-L

## DC INPUT

Max. PV array input power [kWp]	120	150	165	180	204	225
Max. PV input voltage [V]	1100	1100	1100	1100	1100	1100
Startup voltage [V]	200	200	200	200	200	200
Nominal input voltage [V]	580/600	580/600	580/600	580/600	730/785	730/785
MPP tracker voltage range [V]	180~1000	180~1000	180~1000	180~1000	180~1000	180~1000
No. of MPP trackers	9	9	12	12	12	12
Strings per MPP tracker	2	2	2	2	2	2
Max. input current per MPPT[A]	32	32	32	32	32	32
Max. short circuit current per MPPT[A]	46	46	46	46	46	46

## AC OUTPUT

Nominal AC output power [kW]	80	100	110	120	136	150
Nominal AC output current [A]	121.3/116	151.6/145	166.7/159.5	181.9/174	157.1/145.4	173.2/160.4
Max. AC output apparent power [kVA]	88	110	121	132	149.6	165
Max. AC output current [A]	133.4/127.6	166.7/159.5	183.4/175.4	200/191.3	172.8/160	190.6/176.5
Nominal AC voltage[V]	3 x 220 /380 , 3 x 230/400, 3W+(N)+PE				500/540,3P3W+PE	500/540,3P3W+PE
Nominal grid frequency [Hz]	50/60					
Displacement power factor	0.8 leading-0.8 lagging					
THDi (rated power) [%]	<3					

## SYSTEM DATA

Max. efficiency [%]	98.6	98.6	98.6	98.6	99.0	99.0
Ingress protection	IP66					
Operating temperature range [°C]	-25~+60 (derating at 45)					
Max. operation altitude [m]	4000					
Humidity [%]	0~100%RH					
Dimensions[WxHxD] [mm]	985*660*327.5					
Weight [kg]	80					
Cooling concept	Smart air cooling					
Communication interfaces	RS485 / PLC / WiFi/ GPRS / Bluetooth+APP / USB					

## PROTECTION

Over/under voltage protection	YES
Over current protection	YES
DC isolation protection	YES
Leakage protection	YES
Residual current detection	YES
Anti-islanding protection	YES
ARC	YES
AC SPD	Type II
DC SPD	Type II

## STANDARD

Safety	IEC/EN 62109-1 and 62109-2 (EU),NB/T32004-2018 (China)
EMC	NB/T32004-2018 (China), IEC/EN 61000-6-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, IEC/EN 61000-6-4
Certification	NB/T32004-2018 (China)/AS4777/VDE4105/EN62109

\*Can be modified without notice.(V1)