

New From SolaX

Three Phase String Inverter

X3-25K-TL
X3-30K-TL

*For Small-sized Industrial
and Residential Use*



Superior Efficiency



High Reliability



Intelligent Maintenance

Feature

Superior Efficiency

- Max efficiency 98.6%, European efficiency 98.3%
- Ultra-wide voltage range (180V-950V)
- ECO Invention patent technology

High Reliability

- Integrated type II DC & AC surge arresters
- Natural cooling design (<22kW)

Intelligent Maintenance

- Intelligent monitoring via APP & Web
- Multiple remote monitoring for convenient operation and maintenance





X3-25K-TL / X3-30K-TL (THREE PHASE)

X3-25K-TL

X3-30K-TL

INPUT (DC)

Max. Input Voltage [V]	1000	
Rated Input Voltage [V]	620	
Max. Input Current [A]	2*37.5	
Start Input Voltage/ Min. Operating Voltage [V]	250/180	
MPPT Operating Voltage Range [V]	180-950	
MPPT Operating Voltage Range (Full-Load) [V]	480-800	
Max. Number of PV Strings	6(3/3)	
No. of MPPTs	2	

OUTPUT(AC)

Rated AC Active Power [W]	25,000	30,000
Max. AC Apparent Power [VA]	27,500	33,000
Max. AC Active Power (PF=1) [W]	27,500	33,000
Max. AC Output Current [A]	3*40	3*48
Rated AC Voltage [V]	380/400,3W+N+PE	
AC Voltage Range [V]	277-520(Adjustable)	
Rated Grid Frequency [Hz]	50/60	
Grid Frequency Range [Hz]	45-55/55-65	
THDI [%]	<3(Rated Power)	
DC Current Injection [%]	<0.5 In	
Power Factor	> 0.99 Rated power(Adjustable 0.8 Leading - 0.8Lagging)	

Protection

DC switch	Support
Anti-islanding protection	Support
AC overcurrent protection	Support
AC short circuit protection	Support
DC reverse connection	Support
Surge Arrester	DC Type II /AC Type II
Insulation detection	Support
Leakage current protection	Support

Efficiency

Max. Efficiency [%]	98.20
European Efficiency [%]	97.70

General

Topology	Transformerless
IP Rating	IP65
Night Self Consumption [W]	<1
Cooling	Fan cooling
Operating Temperature Range [°C]	-25-60
Relative Humidity Range [%]	0-100
Max. Operating Altitude [m]	4000(>2000 derating)
Noise [dB]	<50
Dimensions (W*H*D) [mm]	555*446*270
Weight [kg]	40

HMI & COM

Display	Wireless & APP +LED / LCD(Optional)
Communication	WiFi(Optional) / RS485 / GPRS(Optional)

Certification

Safety	IEC62109-1 / IEC62109-2
EMC(Optional)	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3 / EN 61000-6-4
Grid Code	IEC61727 / IEC62116

Warranty [year]

5 / 10(Optional)