

Technical Data

Model	25KTLX-G4
Input (PV)	
Max. Input Voltage (V)	1,100
Start-up Input Voltage (V)	50
MPPT Voltage Range (V)	100-1,080
Max. Input Current (A)	18+18+36
Max. Short Circuit Current (A)	44+44+44
Number of MPPTs	3
String Number per MPPT	2+2+2
Output(Grid)	
Rated Output Power (kW)	25
Max. Output Apparent Power (kVA)	25
Max. Output Active Power (kW)	25
Rated AC Voltage (V)	220/380,230/400, 3L+N+PE
AC Voltage Range (V)	277-460 (adjustable)
Max. Output Current (A)	36.2
Rated Grid Frequency (Hz)	50/60
Grid Frequency Range (Hz)	45-55/55-65
Power Factor	>0.99, 0.8 leading-0.8 lagging
THDi	<3%
DC Current Injection	<0.5%In
Efficiency	
Max. Efficiency	98.6%
European Efficiency	98.3%
Protection	
Ground Fault Monitoring	Support
Output Over Voltage Protection	Support
Anti-islanding Protection	Support
Intergrated AFCI	Optional
DC Reverse Protection	Support
Surge Arrester	DC Type II/ AC Type III
General	
Topology	Transformerless
Ingress Protection	IP66
Cooling	External fan-cooling
Operating Temperature Range(°C)	-25~+60, >45 derating
Relative Humidity Range	0-100% (no condensing)
Max. Operating Altitude (m)	3,000
Noise Emission (dB)	40
Dimension (mm)	478W×461H×174D
Weight (kg)	21
Display	Wireless, APP, LCD
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485
Certification	
Safety Standard	IEC62109-1/-2
EMC Standard	IEC61000-6-1/-2/-3
Grid Code	AS4777.2, EN50549-1, G98, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, CEI0-21, RD1699
Warranty	10 Years