



EAPRO 5.5K~11KTLX-G3

5.5 / 6.6 / 8.8 / 11 kW

THREE-PHASE DUAL-MPPTS

Product advantages

- Maximum efficiency 98.6%
- Low start-up voltage, wide MPPT voltage
- Maximum DC input voltage 1100 V
- Smart string-level monitoring
- Remote Monitoring
- Natural cooling, no fans, low noise
- Type II SPD for both DC and AC side

Datasheet	EAPRO 5.5KTLX-G3		EAPRO 6.6KTLX-G3		EAPRO 8.8KTLX-G3		EAPRO 11KTLX-G3	
Input (DC)								
Recommended max. PV input power (Wp)	7500		9000		12000		15000	
Max. DC power for single MPPT (W)	6000				7500			
Number of MPP trackers	2							
Number of DC inputs	1/1							
Max. input voltage (V)	1100							
Start-up voltage (V)	160							
Rated input voltage (V)	650							
MPPT operating voltage range (V)	140-1000							
Full power MPPT voltage range (V)	190-850	240-850	290-850	380-850	420-850	460-850		
Max. input MPPT current (A)	15 / 15				15 / 15		15 / 30	
Max. input short circuit current per MPPT (A)	22.5 / 22.5				22.5 / 22.5		22.5 / 45	
Output (AC)								
Rated power (W)	5000		6000		8000		10000	
Max. AC power (VA)	5500		6600		8800		11000	
Max. output current (A)	8.3		10		13.3		16.7	
Rated grid voltage	3 / N / PE, 230 / 400 Vac							
Grid voltage range	310 - 480 Vac (according to local standard)							
Rated grid frequency	50 Hz / 60 Hz							
Grid frequency range	45 Hz-55 Hz / 55 Hz-65 Hz (according to local standard)							
Active power adjustable range	0-100%							
THDi	< 3%							
Power factor	1 default (adjustable +/-0.8)							
Efficiency								
Max. efficiency	98.4%				98.5%			
European efficiency	97.5%				98.0%			
Protection								
DC reverse polarity protection	Yes							
Anti-islanding protection	Yes							
Leakage current protection	Yes							
Ground fault monitoring	Yes							
PV-array string fault monitoring	Yes							
Feed-in limitation function	Yes							
DC switch	Yes							
Input / output SPD	PV: type II standard, AC: type II standard							
Communication								
Standard Communication mode	RS485/Bluetooth, Optional: WiFi/Ethernet							
General Data								
Ambient temperature range	-30°C ~ +60°C							
Self-consumption at night (W)	< 1							
Topology	Transformerless							
Degree of protection	IP65							
Allowable relative humidity range	0-100%							
Max. operating altitude	4000 m							
Weight (kg)	17				18			
Cooling	Natural							
Dimension (mm)	430*385*182							
Display	LCD, App via Bluetooth							
Standard								
	IP65							
EMC	EN 61000-6-1, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 61000-3-11, EN 61000-3-12							
Safety standards	IEC 62109-1 / 2, IEC62116, IEC 61727, IEC61683, IEC 60068 (1, 2, 14, 30)							
Grid standards	VDE V 0124-100, V 0126-1-1, VDE-AR-N 4105, CEI 0-21 / CEI 0-16, UNE 206 007-1, EN 50549, G98 / G99, EN 50530							

* All specifications are subject to change without notice.