



VERITEK
ENGINEERING PVT. LTD.



VIPS - TP - 5.5 KX



VIPS - TP - 6.6 KX



VIPS - TP - 8.8 KX



VIPS - TP - 11 KX

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												
Number of DC inputs	2						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												
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.