



EAPRO 3K~6KTLM-G3

3/ 5/ 6 kW

SINGLE-PHASE DUAL-MPPTS

Product advantages

- Maximum efficiency 98.6%
- Compact design, lightweight
- Two MPP trackers with 150% DC overload
- Natural cooling, no fans, low noise
- Built-in zero export function
- RS485/Bluetooth, Optional: WiFi/Ethernet

Datasheet	EAPRO 3KTLM-G3	EAPRO 5KTLM-G3	EAPRO 6KTLM-G3
Input (DC)			
Recommended max. PV input power (Wp)	4500	7500	9000
Max. DC power for single MPPT (W)		3750	4500
Number of MPP trackers	2		
Number of DC inputs	1 for each MPPT		
Max. input voltage (V)	600		
Start-up voltage (V)	90		
Rated input voltage (V)	380		
MPPT operating voltage range (V)	80-550		
Full power MPPT voltage range (V)	200-500	210-500	260-500
Max. input MPPT current (A)	15 / 15		
Max. input short circuit current per MPPT (A)	22.5 / 22.5		
Output (AC)			
Rated power (W)	3000	5000	6000
Max. AC power (VA)	3300	5500	6000
Max. output current (A)	15	25	29
Rated grid voltage	L / N / PE, 230 Vac		
Grid voltage range	180 Vac-276 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	98.2%		98.4%
European efficiency	97.3%		97.5%
Protection			
DC reverse polarity protection	Yes		
DC switch	Optional		
Safety protection	Anti-islanding, RCMU, Ground fault monitoring		
SPD	MOV: Type III 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)	9.2	10	
Cooling	Natural		
Dimension (mm)	349*344*164		
Display	LCD, App via Bluetooth		
Standard			
EMC	EN 61000-6-2, 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, IEC 61683, IEC 60068 (1, 2, 14, 30)		
Grid standards	VDE-AR-N 4105, VDE V 0126-1-1, V 0124-100, CEI 0-21, G98 / G99, C10 / 11, EN 50549, RD 1699		

* All specifications are subject to change without notice.