



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			IP65			
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.