

VMGI-10KTL

Three Phase Grid Tie

»» Features



EASY-TO-INSTALL

- Quick and easy-to-install with basic tools
- Sufficient installation accessories and various optional accessories
- Quick set up WIFI to APP



RELIABLE

- International quality standers
- IP65 waterproof for outdoor use
- Fanless design and excellent heat dissipation



USER-FRIENDLY

- Dual MPPT for efficient tracking
- Particular design for anywhere
- Smart string monitoring



Product Design By:
Crown Micro Global

Specification:

Model No	VMGI-10KTL
Input (DC)	
Max DC power (W)	11500
Max DC voltage (Vdc)	1000
Min working voltage (Vdc)	250
MPPT voltage range (Vdc)	250~850
Max input current / per string (A)	17×2
Number of MPP trackers	2
Number of input string	1
AC Side / Output Parameters efficiency efficiency	
AC nominal power (W)	10000
Max AC apparent power (VA)	11000
Max output current (A)	17
Nominal AC output	50/60 Hz; 400 Vac
AC output range	45/55 Hz; 280 ~ 490 Vac (Adj)
Power factor	0.8leading...0.8lagging
Harmonics	< 5%
Grid type	3 W/N/PE
Efficiency	
Max efficiency	98.4%
Euro efficiency	97.9%
MPPT efficiency	99.9%
Safety and Protection	
DC reverse-polarity protection	yes
DC breaker	yes
DC/AC SPD	yes
Leakage current protection	yes
Insulation Impedance Detection	yes
Residual Current protection	yes
General Parameters	
Dimension (W/H/D)(mm)	480/400/180
Weight (kg)	22
Operating temperature range (°C)	-25 ~ +60
Degree of protection	IP65
Cooling concept	Natural convection
Topology	Transformerless
Display	LCD
Humidity	0-95%, no condensation
Communication	Standard WIFI; RS485 (optional)
Warranty	5 years; 5/7/10 years for optional
Certificates and Approvals	