

VMGI-15KTL

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-15KTL
Input (DC)	
Max DC power (W)	16500
Max DC voltage	1000 Vd.c.
Min working voltage	250 Vd.c.
MPPT voltage range	250...850 Vd.c.
Max input current / per string	20Ax2
Number of MPP trackers	2
Number of input string	3
Output (AC) ciency	
AC nominal power (W)	15000
Max AC apparent power (VA)	16500
Max output current (A)	23
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	< 1.5%
Grid type	3 W/N/PE
Efficiency	
Max effi	98.5%
Euro efficiency	98.0%
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)	/
Weight (kg)	/
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	