

MAXPOWER
SOLAR ENERGY

VOLTAS 6KTLM-G4

SINGLE PHASE ON-GRID INVERTER



BUILT-IN WIFI

Built-in WiFi with remote monitoring APP



WARRANTY

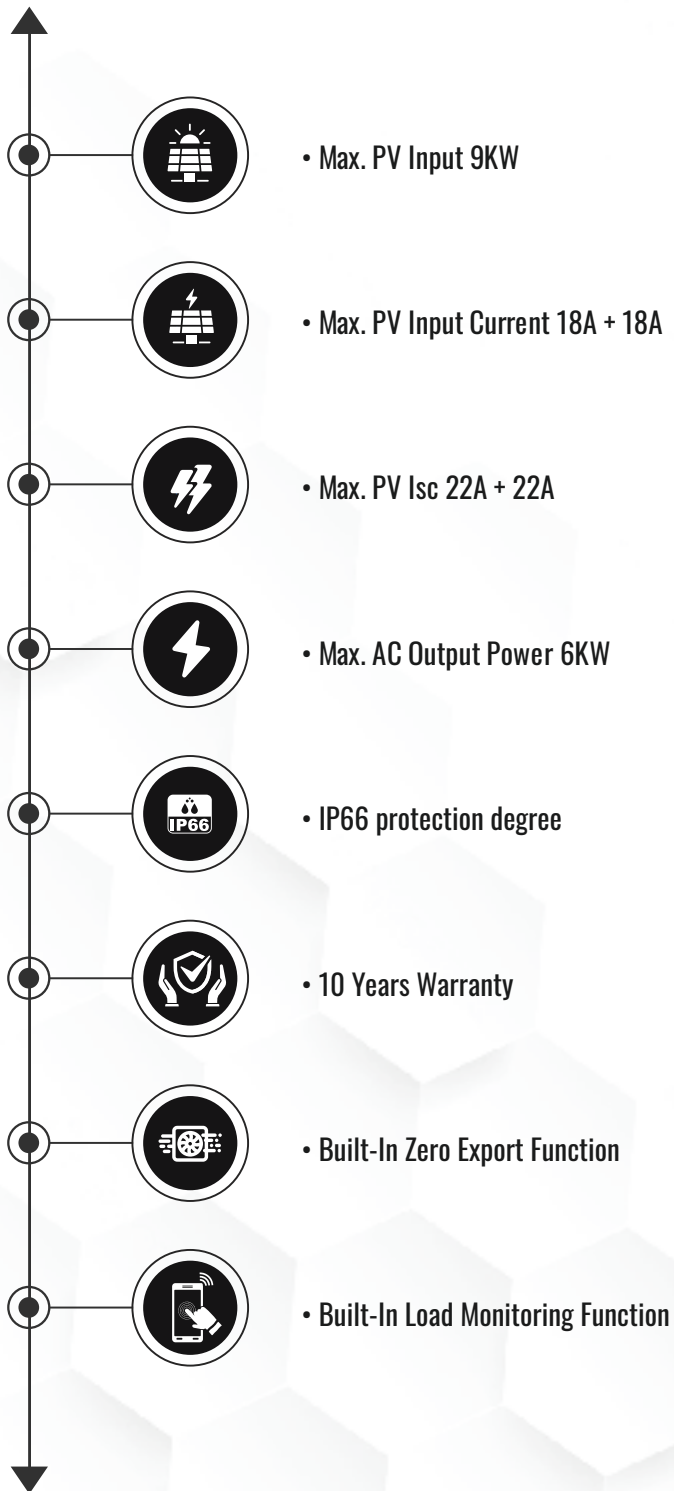
10 Years Warranty



PROTECTION

IP66 protection

VOLTAS 6KTLM-G4 FEATURES



DATASHEET

Model

6KTLM-G4

Input (PV)

Max. Input Voltage (V)	600
Start-up Input Voltage (V)	40
MPPT Voltage Range (V)	80~580
Max. Input Current (A)	18+18
Max. Short Circuit Current (A)	22+22
Number of MPPTs	2
String Number per MPPT	1+1

Output(Grid)

Rated Output Power (kW)	6
Max. Output Apparent Power (kVA)	6
Max. Output Active Power (kW)	6
Rated AC Voltage (V)	220/230/240, L+N+PE
AC Voltage Range (V)	180~300 (adjustable)
Max. Output Current (A)	26
Rated Grid Frequency (Hz)	50/60
Grid Frequency Range (Hz)	45~55/55~65
Power Factor	>0.99, 0.8 leading~0.8 lagging
THDi	<3%
DC Current Injection	<0.5%In

Efficiency

Max. Efficiency	98.6%
European Efficiency	98.1%

Protection

Ground Fault Monitoring	Support
Output Over Voltage Protection	Support
Anti-islanding Protection	Support
Intergrated AFCI	Optional
DC Reverse Protection	Support
Surge Arrester	DC Type II/ AC Type III

General

Topology	Transformerless
Ingress Protection	IP66
Cooling	Natural cooling
Operating Temperature Range(°C)	-25~+60, >45 derating
Relative Humidity Range	0~100% (no condensing)
Max. Operating Altitude (m)	3,000
Noise Emission (dB)	20
Dimension (mm)	350W×340H×156D
Weight (kg)	10
Display	Wireless, APP, LCD
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485

Certification

Safety Standard	IEC62109-1/-2
EMC Standard	IEC61000-6-1/-2/-3
Grid Code	AS4777.2, EN50549-1, G98, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, CEI0-21, RD1699
Warranty	10 Years