

MAXPOWER
SOLAR ENERGY

VOLTAS 20KTLM-G4

THREE PHASE ON-GRID INVERTER



BUILT-IN WIFI

Built-in WiFi with remote monitoring APP



WARRANTY

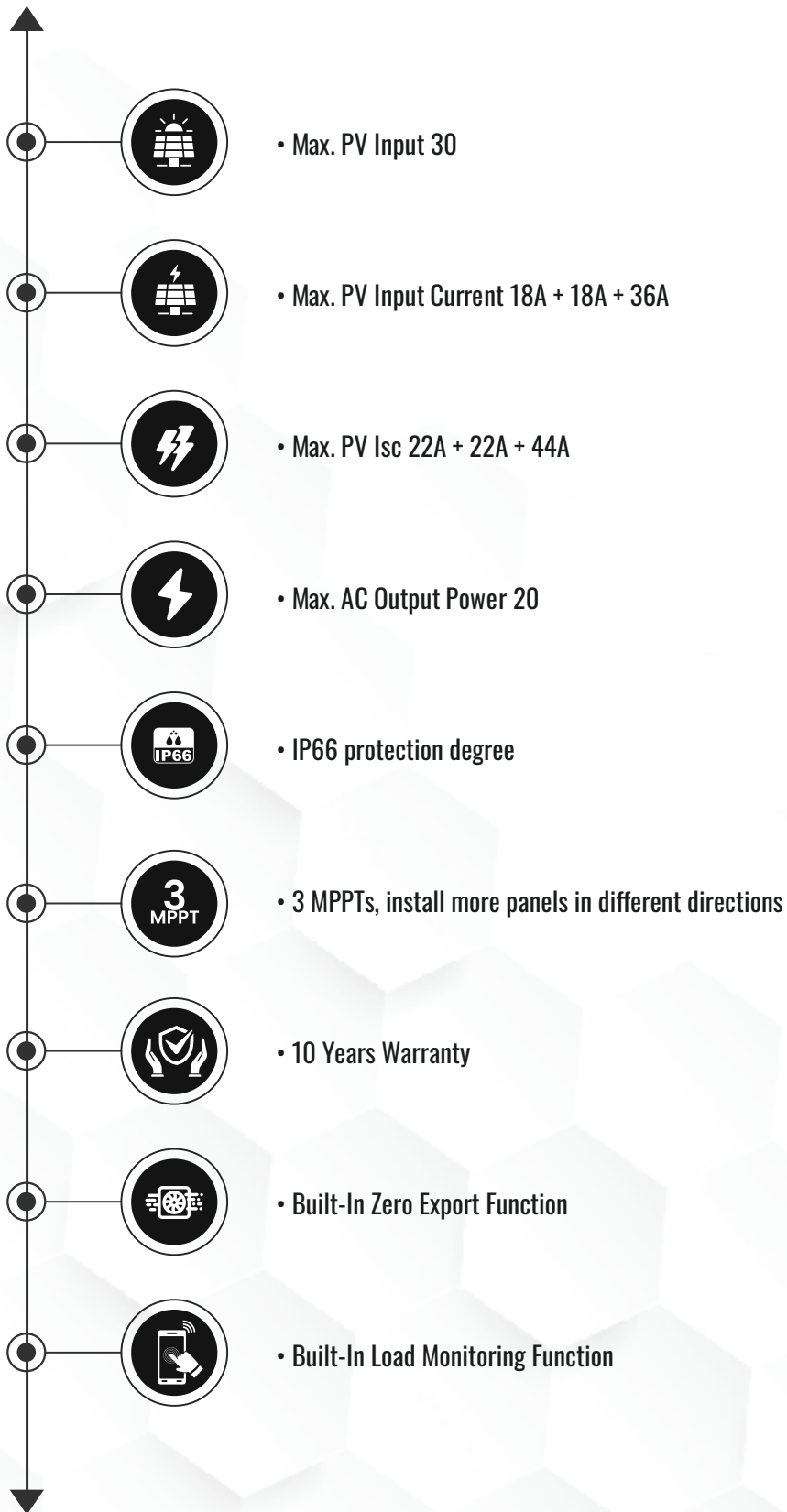
10 Years Warranty



PROTECTION

IP66 protection

VOLTAS 20KTLM-G4 FEATURES



DATASHEET

Model	20KTLX-G4
Input (PV)	
Max. Input Voltage (V)	1,100
Start-up Input Voltage (V)	50
MPPT Voltage Range (V)	100~1,080
Max. Input Current (A)	18+18+36
Max. Short Circuit Current (A)	22+22+44
Number of MPPTs	3
String Number per MPPT	1+1+2
Output (Grid)	
Rated Output Power (kW)	20
Max. Output Apparent Power (kVA)	20
Max. Output Active Power (kW)	20
Rated AC Voltage (V)	220/380,230/400, 3L+N+PE
AC Voltage Range (V)	277~460 (adjustable)
Max. Output Current (A)	29
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	98.3%
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	External fan-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)	≤40
Dimension (mm)	411W×401H×162D
Weight (kg)	15.2
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