

Technical Data	GW73KLV-HT	GW75K-HT	GW80K-HT	GW100K-HT	GW110K-HT	GW120K-HT
Input						
Max. Input Voltage (V)	800	1100	1100	1100	1100	1100
MPPT Operating Voltage Range (V)	180 ~ 650	180 ~ 1000	180 ~ 1000	180 ~ 1000	180 ~ 1000	180 ~ 1000
Start-up Voltage (V)	200					
Nominal Input Voltage (V)	370	600	600	600	600	600
Max. Input Current per MPPT (A)	30					
Max. Short Circuit Current per MPPT (A)	45					
Number of MPP Trackers	12	10	10	10	12	12
Number of Strings per MPPT	2					
Output						
Nominal Output Power (kW)	73	75	80	100 ^{*1}	110	120
Nominal Output Apparent Power (kVA)	73	75	80	100 ^{*1}	110	120
Max. AC Active Power (kW)	69@208V; 73@220V; 75@240V	75	88	110 ^{*1}	121 ^{*1}	132 ^{*1}
Max. AC Apparent Power (kVA)	75	75	88	110 ^{*1}	121 ^{*1}	132 ^{*1}
Nominal Output Voltage (V)	220V, 3L / N / PE or 3L / PE	380V / 400V, 3L / N / PE or 3L / PE ^{*2}		400V, 3L / N / PE or 3L / PE ^{*2}		
Nominal AC Grid Frequency (Hz)	50 / 60					
AC Grid Frequency Range (Hz)	45 ~ 55 / 55 ~ 65					
Max. Output Current (A)	192.0	125.3	134.0	167.0	175.5	191.3
Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)					
Max. Total Harmonic Distortion	<3%					
Efficiency						
Max. Efficiency	98.4%	98.6%	98.6%	98.6%	98.6%	98.6%
European Efficiency	98.1%	98.3%	98.3%	98.3%	98.3%	98.3%
Protection						
PV String Current Monitoring				Integrated		
PV Insulation Resistance Detection				Integrated		
Residual Current Monitoring				Integrated		
PV Reverse Polarity Protection				Integrated		
Anti-islanding Protection				Integrated		
AC Overcurrent Protection				Integrated		
AC Short Circuit Protection				Integrated		
AC Overvoltage Protection				Integrated		
DC Switch				Integrated		
DC Surge Protection				Type II (Type I optional)		
AC Surge Protection				Type II (Type I optional)		
AFCI				Optional		
Remote Shutdown				Optional		
PID Recovery				Optional		
General Data						
Operating Temperature Range (°C)	-30 ~ +60					
Relative Humidity	0 ~ 100%					
Max. Operating Altitude (m)	5000 (>4000 derating)					
Cooling Method	Smart Fan Cooling					
User Interface	LED, LCD (Optional), WLAN + APP					
Communication	RS485, WiFi or 4G (Optional)					
Communication Protocols	Modbus-RTU (SunSpec Compliant)					
Weight (kg)	98.5	93.5	93.5	93.5	98.5	98.5
Dimension (W × H × D mm)	1008 × 678 × 343					
Topology	Non-isolated					
Self-consumption at Night (W)	<2					
Ingress Protection Rating	IP66					
DC Connector	MC4 (4 ~ 6mm²)					
AC Connector	OT / DT terminal (Max. 300mm²)					

*1: For Australia is 99.99kW / kVA (GW100K-HT).

*1: For Chile Max. AC Active Power (kW) & Max. AC Apparent Power (kVA): GW100K-HT is 100K; GW110K-HT is 110K; GW120K-HT is 120K; GW136K-HT is 136K.

*2: For Brazil, Nominal Output Voltage (V): 380, 3L / N / PE or 3L / PE.

*: Please visit GoodWe website for the latest certificates.

*: All pictures shown are for reference only. Actual appearance may vary.