



GOODWE
your solar engine



MT Series

- Maximum Efficiency up to 98.8%
- European Efficiency up to 98.5%
- MPPT Efficiency up to 99.9%
- Integrate the function of combiner box
- 4 MPP tracker
- DC & AC lightning protection function (Type II)
- Real time monitoring on up to 13 strings of panel
- IP65 dust-proof and water-proof rating
- Multiple monitoring and communication:
USB2.0, RS485, GPRS, Wi-Fi, LAN
- Super large 5-inch LCD

Good Quality Good Value Good Service GoodWe

Technical Data

GW50K-MT

GW60K-MT

DC Input Data

Max. recommended PV Power(W)	65000	75000
Nominal DC Power(W)	51500	62000
Max. DC voltage (V)	1000	1000
MPPT voltage range (V)	260~850	260~850
Starting voltage (V)	250	250
Max. DC current (A)	28 / 28 / 19 / 19	28 / 28 / 28 / 28
No. of DC connectors	10	12
No. of MPPTs	4	4

AC Output Data

Norminal AC power(W)	50000	60000
Max. AC power(W)	55000	62100
Max. AC current(A)	80	90
Norminal AC output	50/60Hz; 400Vac	50/60Hz; 400Vac
AC output range	45~55Hz/55~65Hz; 310~480Vac	45~55Hz/55~65Hz; 310~480Vac
THDi	<3%	<3%
Power factor	0.80leading...0.80lagging	0.80leading...0.80lagging
Grid connection	3W/N/PE	3W/N/PE

Efficiency

Max. efficiency	98.7%	98.8%
Euro efficiency	98.3%	98.5%
MPPT adaptation efficiency	99.9%	99.9%

Protection

Residual current monitoring unit	Integrated	Integrated
Anti-islanding protection	Integrated	Integrated
PV array string fault monitoring	Integrated(optional)	Integrated(optional)
DC fuse	Integrated	Integrated
DC switch	Integrated(optional)	Integrated(optional)
DC SPD	Type II	Type II
AC SPD	Type II	Type II
SPD fault monitoring	Integrated	Integrated
AC over current protection	Integrated	Integrated
Insulation monitoring	Integrated	Integrated

General Data

Dimensions (WxHxD)	586*915*263mm	586*915*263mm
Weight (kg)	66kg	68kg
Mounting	Wall bracket	Wall bracket
Ambient temperature range	-25~60°C	-25~60°C
Relative humidity	0~95%	0~95%
Max. operating altitude	4000m	4000m
Protection degree	IP65	IP65
Topology	Transformerless	Transformerless
Cooling	Fan cooling	Fan cooling
Display	LCD	LCD
Communication	USB2.0; RS485; WiFi/GPRS/LAN; Bluetooth	USB2.0; RS485; WiFi/GPRS/LAN; Bluetooth
Standard warranty(years)	5/10/15/20/25(optional)	5/10/15/20/25(optional)