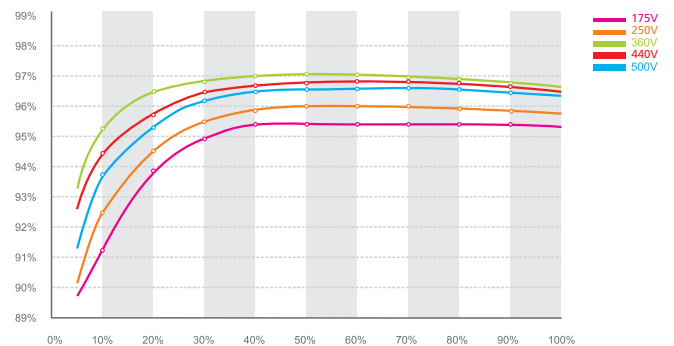




## Leading - edge Technology

- ▶ maximum efficiency of 97.9% and wide input voltage range
- ▶ internal DC switch
- ▶ transformerless GT topology
- ▶ compact design
- ▶ Multi MPP controller
- ▶ MTL-string
- ▶ Bluetooth / RF technology / Wi-Fi
- ▶ Sound control
- ▶ Easy installation
- ▶ Internal wireless communication module (option)
- ▶ Complete DSP control
- ▶ Reactive power control

5k efficiency



## GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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## Growatt 6000MTL-10

### Input Data

Max. DC power	6400W
Max. DC voltage	600V
Start voltage	150V
PV voltage range	100V-600V
MPPT work voltage range/ nominal voltage	120V - 550V /360V
Full load dc voltage range	175V - 550V
Number of independent MPP trackers /strings per MPP tracker	2/2
Max. input current/ per string	18A/18A

### Output (AC)

Rated AC output power	6000W
Max. AC power	6000VA
Max. output current	30A
AC nominal voltage; range	220V/230V/240V; 180V - 280V
AC grid frequency; range	50Hz, 60Hz / ± 5Hz
Power factor	0.9
THDI	<3%
AC connection	Single phase

### Efficiency

Max. efficiency	97.9%
Euro-eta	97.4%
MPPT efficiency	99.5%

### Protection Devices

DC reverse polarity protection	yes
DC switch rating for each MPPT	yes
Output over current protection	yes
Output overvoltage protection-varistor	yes
Ground fault monitoring	yes
Grid monitoring	yes
Integrated all-pole sensitive leakage current monitoring unit	yes

### General Data

Dimensions (W / H / D) in mm	400/510/188
Weight	26KG
Operating temperature range	-25 °C ... +60 °C
Noise emission (typical)	≤25 dB(A)
Self-Consumption night	< 0.5 W
Topology	Transformerless
Cooling concept	Natural
Environmental Protection Rating	IP 65
Altitude	2000m without derating
Relative Humidity	0~95%

### Features

DC connection	H4/MC4(opt)
AC connection	Screw terminal
Display	LCD
Interfaces: RS232/RS485/ Bluetooth/RF/Wi-Fi	yes / yes / opt / opt / opt
Warranty: 5 years / 10 years	yes / opt

### Certificates and Approvals