Leading edge Technology

- Double MPPT tracker, MPPT tracking accuracy more than 99.5%
- Max. Efficiency 97.9%, European Efficiency 97.4%
- Transformerless design and high power density offer lighter and more convenient installation
- 5 years standard warranty
- Power factor continuously adjustable
- Flexible communication connection, support RF/WiFi, Ethernet
- Comply with European, Australia, Asia-Pacific safety regulations

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**Growatt 5500MTL-S efficiency**

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**Growatt 2.5-5.5k MTL-S topology**

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*Note: For Australia area, this series product don’t contain DC switch but include a RJ45 port*
### PowerBoost 2000M/4000M AC and DC Specifications

#### Input Data
- **Max. recommended PV power (for multiple STC):** 850W
- **Max. DC voltage:** 560V
- **Start voltage:** 110V
- **PV voltage range:** 100V-250V
- **PV portage voltage range/normal voltage:** 50Hz-60Hz
- **Full load DC voltage range:** 100V-250V
- **Max. input current of tracker A/trackers B:** 10A/10A
- **Max. input current per string of tracker A/trackers B:** 10A/10A
- **Number of independent MPP trackers/strings per MPP tracker:** 2/1

#### Output Data (AC)
- **Rated AC output power:** 2000W
- **Max. AC apparent power:** 2000VA
- **Max. output current:** 13A
- **AC nominal voltage range:** 380V-520V
- **AC grid frequency range:** 50Hz,60Hz,60Hz/5Hz
- **AC phase factor at rated power:** 0.86
- **Diode efficiency:** 87%
- **THDi:** 3%
- **AC connection:** Single phase

#### Efficiency
- **Max. efficiency:** 79.6%
- **Euro weighted efficiency:** 97%
- **MPPT efficiency:** 99.5%

#### Protection Devices
- **DC reverse polarity protection:** Yes
- **DC switch:** Opt
- **Output over current protection:** Yes
- **Output over voltage protection:** Yes
- **Ground fault monitoring:** Yes
- **Ground monitoring:** Yes
- **Integrated all-pole sensitive leakage current monitoring unit:** Yes

#### General Data
- **Dimensions (W/H/D in mm):** 350x419138
- **Weight:** 14Kg
- **Operating temperature range:** -25°C to +60°C
- **Noise emission (typical) dB:** <25
- **Altitude:** 2000mm without derating
- **Self-Consumption night:** <0.5W
- **Topology:** Transformerless
- **Cooling concept:** Natural
- **Environmental Protection Rating:** IP65
- **Relative humidity:** 100%

#### Features
- **DC connection:** H4/MC4 (opt)
- **AC connector:** LCD
- **Display:** yes/yes
- **Interfaces:** RS232/485/RF/WiFi/LAN/GPRS
- **Warranty:** 5 years / 10 years

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**Certificates and Approvals**

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**For Enquiry**
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