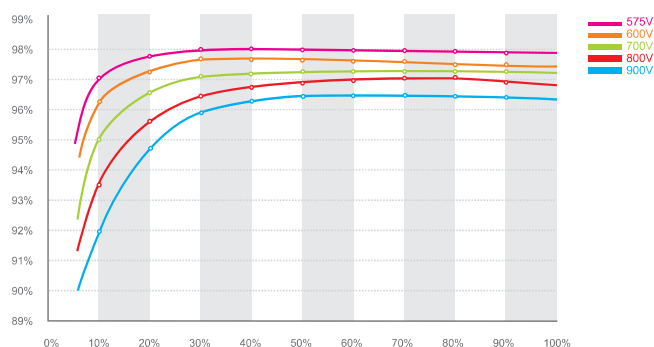




Leading - edge Technology

- ▶ DC input voltage up to 1000V
- ▶ Maximum efficiency of 98%
- ▶ Internal DC switch
- ▶ Transformerless
- ▶ Compact design
- ▶ Multi MPP controller
- ▶ MTL - String
- ▶ Bluetooth / RF technology / Wi-Fi
- ▶ Sound control
- ▶ Easy installation
- ▶ Comprehensive Growatt warranty program

10k efficiency



GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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| | Growatt 7000UE | Growatt 8000UE | Growatt 9000UE |
|--|---------------------------------|---------------------------------|---------------------------------|
| Input Data | | | |
| Max. DC power | 7300W | 8350W | 9500W |
| Max DC voltage | 1000V | 1000V | 1000V |
| Start Voltage | 350V | 350V | 350V |
| PV voltage range | 180V - 1000V | 180V - 1000V | 180V - 1000V |
| MPP voltage range / DC nominal voltage | 300V - 1000V / 600V | 300V - 1000V / 600V | 300V - 1000V / 600V |
| Max. input current | 15A / 15A | 15A / 15A | 15A / 15A |
| Max. input current per string | 15A | 15A | 15A |
| Number of independent MPP trackers/strings per MPP tracker | 2/2 | 2/2 | 2/2 |
| Output (AC) | | | |
| Rated AC output power | 7KW | 8KW | 9KW |
| Max. AC power | 7.0KVA | 8.0KVA | 9.0KVA |
| Max. output current | 11.7A | 13.3A | 15A |
| AC voltage range; range | 3/N/PE, 230V/400V 184 - 275V | 3/N/PE, 230V/400V 184 - 275V | 3/N/PE, 230V/400V 184 - 275V |
| AC grid frequency ; range | 50/60Hz; 44-55Hz/54-65Hz | 50/60Hz; 44-55Hz/54-65Hz | 50/60Hz; 44-55Hz/54-65Hz |
| Adjustable displacement power factor | 0.8 leading -0.8laging | 0.8 leading -0.8laging | 0.8 leading -0.8laging |
| THDI | <3% | <3% | <3% |
| AC connection | Three phase | Three phase | Three phase |
| Efficiency | | | |
| Max. efficiency | 98% | 98% | 98% |
| Euro - eta | 97.5% | 97.5% | 97.5% |
| MPPT efficiency | 99.5% | 99.5% | 99.5% |
| Protection Devices | | | |
| DC reverse polarity protection | yes | yes | yes |
| DC switch for each MPPT | yes | yes | yes |
| Output AC overcurrent protection | yes | yes | yes |
| Output AC overvoltage Protection - Varistor | yes | yes | yes |
| Ground fault monitoring | yes | yes | yes |
| Grid monitoring | yes | yes | yes |
| Integrated all-pole sensitive leakage current monitoring unit | yes | yes | yes |
| General Data | | | |
| Dimensions (W / H / D) in mm | 740/440/235 | 740/440/235 | 740/520/235 |
| Weight | 41kg/90.4lb | 41kg/90.4lb | 41kg/90.4lb |
| Operating temperature range | -25 °C ... +60 °C | -25 °C ... +60 °C | -25 °C ... +60 °C |
| Noise emission (typical) | ≤ 55 dB(A) | ≤ 55 dB(A) | ≤ 55 dB(A) |
| Altitude | | | |
| Self-consumption night | < 0.5W | < 0.5W | < 0.5W |
| Topology | Transformerless | Transformerless | Transformerless |
| Cooling concept | Smart cooling | Smart cooling | Smart cooling |
| Environmental Protection Rating | IP 65 | IP 65 | IP 65 |
| Relative Humidity | 0~95% | 0~95% | 0~95% |
| Features | | | |
| DC connection | H4/MC4(opt) | H4/MC4(opt) | H4/MC4(opt) |
| AC connection | Screw terminal | Screw terminal | Screw terminal |
| Display | LCD | LCD | LCD |
| Interfaces: RS232/R485/Bluetooth/Rf/Wi-Fi | yes / yes / opt / opt / opt | yes / yes / opt / opt / opt | yes / yes / opt / opt / opt |
| Warranty:5 years / 10 years | yes / opt | yes / opt | yes / opt |
| Certificates and Approvals | | | |
| VDE-AR-N4105, CEI 0-21, CE, VDE 0126-1-1, IEC 62109, RD 1663/2000, G59/2, EN50438, AS4777, AS/NZS 3100 | | | |