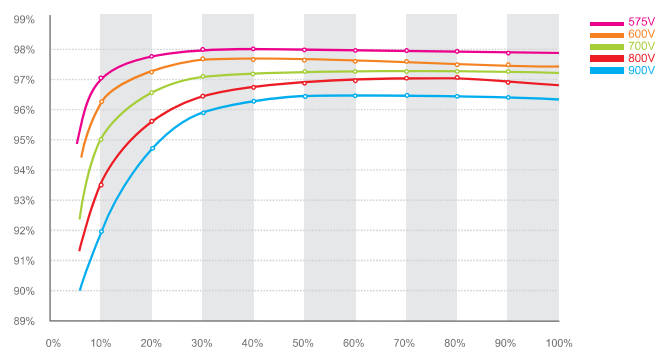




Leading - edge Technology

- ▶ 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			