

3-phase string inverter

Product > 3-phase string inverter



POWERING TOMORROW
Growatt

PV INVERTER



STATUS

●
knock here

MINIWT

Model	Power (W)	Power (kW)	Power (kWh)	Power (kWh)	Power (kWh)	Power (kWh)	Power (kWh)	Power (kWh)	Power (kWh)
GW6000	6000	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
GW7000	7000	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
GW8000	8000	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GW9000	9000	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
GW10000	10000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
GW12000	12000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GW15000	15000	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GW18000	18000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GW20000	20000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GW25000	25000	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GW30000	30000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GW35000	35000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GW40000	40000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GW45000	45000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GW50000	50000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0

CAUTION
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Parameters

Model	Growatt 5000 UE
Max. DC power	5200W
Max. DC voltage	800V
Start Voltage	150V
PV voltage range	140V-800V
MPP voltage range/DC nominal voltage	200V-800V /580V
Full load voltage range	250V-750V
Max. input current	9A/9A
Max. input current per string	16A
Number of independent MPP trackers/strings per MPP tracker	2/1
Rated AC output power	5000 W
Max AC apparent power	5000VA
Max. output current	7.9A
Max. short-circuit current	20A
Nominal AC voltage	3/N/PE, 230V/400V
Nominal AC voltage range	185~260V
AC grid frequency range	50/60Hz 44-55Hz/54- 65Hz
Power factor at rated power	1
Adjustable displacement power factor	0.9leading - 0.9lagging
THDi	<3%
AC grid connection type	Three phase
Max efficiency	97.8%
Euro-eta	96.6%
MPPT efficiency	99.5%
DC reverse polarity protection	yes
DC switch for each MPPT	yes
Output AC overcurrent protection	yes
Output AC overvoltage Protection - Varistor	yes
Ground fault monitoring	yes
Grid monitoring	yes
Integrated all-pole sensitive	yes

leakage current monitoring unit	
Dimensions(W/H/D)	433/560/200 mm 17.0/22.0/7.9 inch
Weight	35kg/77.2lb
Operating temperature range	-25 °C ... +60 °C (-13 °F ... +140 °F) With derating above 45 °C(113 °F)
Noise emission (typical)	≤ 35 dB(A)
Altitude	
Self-consumption night	<0.5 W
Topology	transformerless
Cooling concept	No Fan
Environmental Protection Rating	IP65
Relative humidity	0...95% condensing
DC connection	H4/MC4(opt)
AC connection	Screw terminal
Display	LCD
Interfaces:RS232/RS485/Bluetooth/RF /Zigbee/Wifi	yes/yes/opt/opt /opt/opt
Warranty: 5 years / 10 years	yes /opt
Certificates and approvals	