

GOOTU

OFF-GRID SOLAR INVERTER

12V-1.2KW



PRODUCT DATASHEET



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YOUTUBE
GOOTU ENERGY



FACEBOOK
GOOTU ENERGY

PRODUCT DATASHEET



- Rated power 1.2KW, power factor 1
- MPPT ranges 18V-100V, 125Voc
- High frequency inverter with small size and light weight
- Pure sine wave AC output
- Solar and utility grid can power loads at the same time
- Configurable AGM FLD LIB battery types via LCD setting

MODE	GT-O1212M14P1
Charger (line mode)	
Charging voltage	FV MODE: 13.5V Settable: 12-14.9V CV MODE: 14.1V Settable: 12~15V
Temperature compensation	No
Charging current	2-60A
Default charging current	30A
Charging mode	Two/Three/Auto Settable
Charge voltage accuracy	±5%
Charger(PV)	
PV charging method	MPPT
PV maximum input power	1000W
PV maximum input current	14A
Efficiency	99.5%max
PV voltage accuracy	±2%
MPPT voltage	20-100Vdc
Default charging current	60A
Recommended PV configuration voltage	MPPT Voltage: 60-85V Open Circuit Voltage: 70-105V
Max PV voltage	125Vdc
Min PV voltage	18Vdc
PV start-up voltage	20Vdc
Max PV charge current	60A
Max (AC+Solar) charge current	120A
Output power rating	
Output topology	L+N+PE
Output power	1.2KW
Output voltage	
Nominal voltage	208/220/230/240 VAC
Waveform	Sinusoidal
Voltage regulation	±5%
DC offset	±200mV (Bat mode)
Output frequency	
Nominal frequency	50/60Hz
Line mode	50Hz (43.5-56.5)Hz (UPS mode) (40-70)Hz (APP/GEN mode) 60Hz: (53.5-66.5)Hz (UPS mode) (40-70)Hz (APP/GEN mode)
Battery mode	50/60Hz
Frequency regulation	±0.1Hz
Output overload battery mode	
10min@102%~120%Load	
1min@120%~150%Load	
10s@150%~200%Load	