

GOOTU

PARALLEL SOLAR INVERTER

48V-5KW



PRODUCT DATASHEET



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YOUTUBE
GOOTU ENERGY



FACEBOOK
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PRODUCT DATASHEET



- Rated power 5000VA/5000W inverter, power factor 1
- MPPT ranges 120V~450V, 500Voc
- 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
- With CAN/RS485 for BMS communication
- With the ability to work without battery
- Parallel operation up to 9 units (only with battery connected)
- WIFI remote monitoring (optional)
- Dual AC output
- Feed-in to grid

MODE	GT-H4850M18P6P
Charger (line mode)	
Charging voltage	FV MODE: 54V Settable: 53.2~55.6V CV MODE: 56.4V Settable: 56-58V
Temperature compensation	No
Charging current	2~80A
Default charging current	30A
Charging mode	Two/Three/Auto Settable
Charge voltage accuracy	±5%
Charger(PV)	
PV Charging method	MPPT
PV Maximum Input Power	18A/6000W
Efficiency	99.5% max
Battery Voltage Accuracy P	±0.3%
V Voltage Accuracy	±2V
MPPT	120-450Vdc
Max PV voltage	500Vdc
Max PV charge current	100A
Max charging current	
/	100A(Maximum allowable) Default: 60A
Output power rating	
Output topology	L1+N1+L2+N2+PE
Output power	5000W
Output voltage	
Nominal voltage	208/220/230/240 VAC
Waveform	Sinusoidal
Voltage regulation	±5%
DC offset	±100mV (Bat mode)
Output frequency	
Nominal frequency	50/60Hz
Line mode	50Hz: (43.5-56.5)Hz (UPS mode) (40 -70)Hz (APP mode) 60Hz: (53.5-66.5)Hz (UPS mode) (40- 70)Hz (APP mode)
Battery mode	50/60Hz
Frequency regulation	±0.1Hz
Charger(PV)	
102%<Load≤110%	
110%< Load ≤130%	
130%<Load ≤150%	
Load>150%	
Output short circuit protection	
Battery mode	Current limitation
Line mode	Breaker (40A)