

GOOTU HYBRID SOLAR INVERTER

24V-3.6KW



PRODUCT DATASHEET



WEBSITE
www.gootuenergy.com



EMAIL
info@gootuenergy.com



YOUTUBE
GOOTU ENERGY



FACEBOOK
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- Rated power 3.6KW, power factor 1
- MPPT ranges 40V~450V, 500Voc
- High frequency with small size and light weight
- Pure sine wave AC output
- Solar and grid can power loads at the same time
- CAN/RS485 for BMS communication
- Ability to work without battery
- WIFI remote monitoring (optional)
- Feed-in to grid

MODE	GT-H2436M14P5
AC Input	
Rated Input Voltage (VAC)	208/220/230/240; L+N+PE
Voltage Range (VAC)	90~280±3 (APP mode);
Frequency (Hz)	170~280±3 (UPS mode) 50/60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	3.6 (Output Power rating will be reduced to 90%, when setting the Output Voltage to 208V)
Surge Power (kVA)	6.7
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency (Hz)	50/60±0.1%
Switch Time (ms)	10 (APP/UPS mode) /60 (GEN mode)
WaveForm	Pure SineWave
Overload Capacity (Battery Mode)	60s@102%~110%load; 10s@110%~130%load; 3s@130%~150%load; 0.2s@>150%load
Max. Efficiency (Battery Mode)	92.7%@24VDC
Charger(PV/AC)	
Solar Charger Type	MPPT 1
Max PV Input Current/Power	18A/5000W
MPPT Range@Operating Voltage (VDC)	40~450
PV Start-up Voltage	60Vdc
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV+AC) (A)	100
Battery	
Normal Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
General Data	
HMI	LCD
Interface	RS485/RS232/USB/Dry Contact
Monitoring	WiFi(Optional)
Ingress Protection	IP21
Operating Temperature	-10℃~50℃
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15℃~60℃
Net Weight (kg)	6.4
Dimensions (W*H*D)	420*284*94mm
Max. Operating Altitude	4000m (Derating above 1000m)