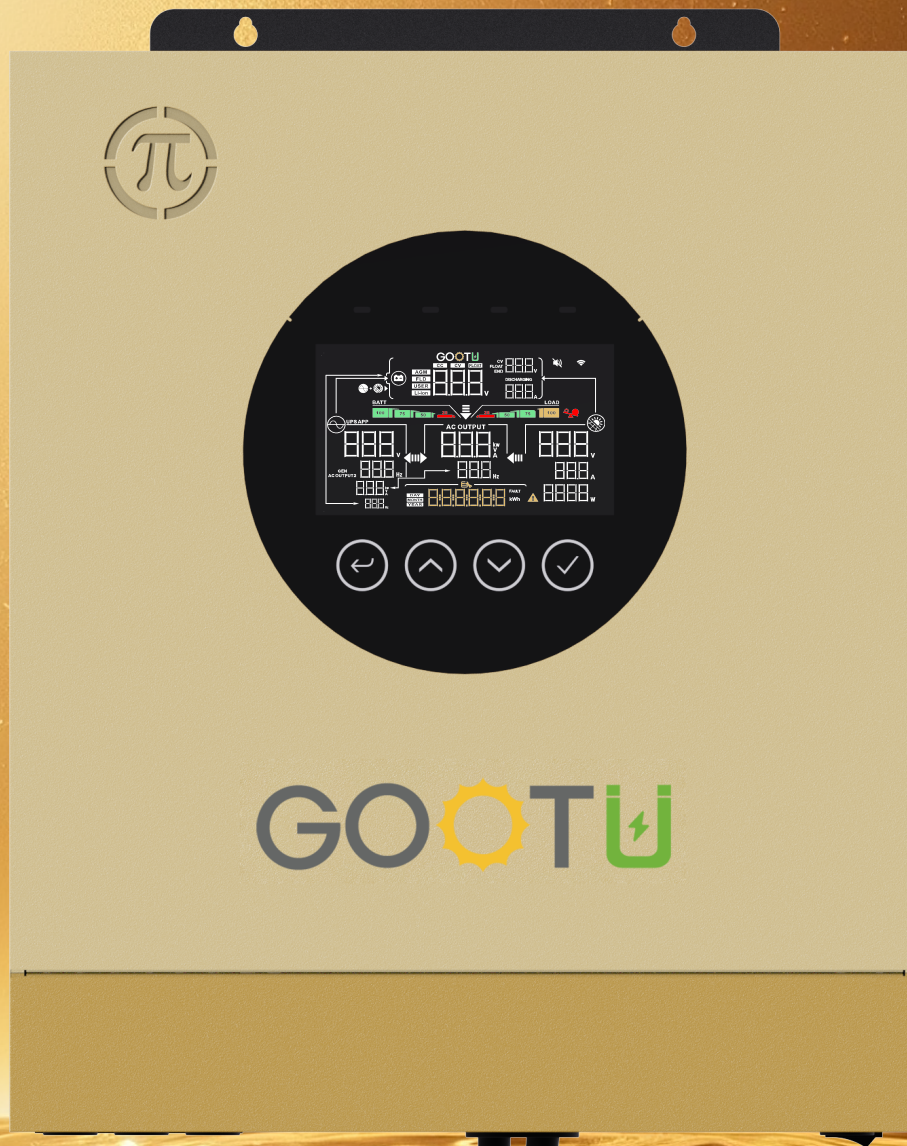


GOOTU

PV9000W/27A **HYBRID INVERTER**

24V-5KW/48V-6KW



PRODUCT DATASHEET



WEBSITE
www.gootuenergy.com



EMAIL
info@gootuenergy.com



YOUTUBE
GOOTU ENERGY



FACEBOOK
GOOTU ENERGY

PRODUCT DATASHEET



- Rated power 5KW-5KVA/6KW-6KVA, power factor 1
- MPPT range 60V-450V, 500Voc
- High frequency with small size and light weight
- Pure sine wave AC output
- Solar and grid power loads at the same time
- CAN/RS485 for BMS communication
- Ability to work without battery
- WIFI remote monitoring (optional)
- Dual AC output
- Feed-in to grid

MODE	GT-H2450M27P9		GT-H4860M27P9	
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)	5		6	
Surge Power (kVA)	10		12	
Voltage (VAC)	208/220/230/240			
Power Factor (PF)	1			
Frequency (Hz)	50/60±0.1%			
Switch Time (ms)	10 (APP/UPS mode) /20 (GEN mode)			
WaveForm	Pure SineWave			
Max. Efficiency (Battery Mode)	93.5%@24V		94%@48V	
Charger(PV/AC)				
Solar Charger Type	MPPT			
Max PV Input Current/Power	27A/9000W			
MPPT Range@Operating Voltage (VDC)	60~450			
PV Start-up Voltage	60Vdc			
Max PV Open Circuit Voltage (VDC)	500			
Max PV Charge Current (A)	160		120	
Max AC Charge Current (A)	160		120	
Max. Charge Current (PV+AC) (A)	160		120	
Battery				
Normal Voltage (VDC)	24		48	
Floating Charge Voltage (VDC)	27		54	
Overcharge Protection (VDC)	30.5		61	
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℃~60℃			
Relative Humidity	5%~95% (Non-condensing)			
Storage Temperature	-15℃~60℃			
Net Weight (kg)	8.4			
Dimensions (W*H*D)	410*336*110mm			
Max. Operating Altitude	4000m (Derating above 1000m)			