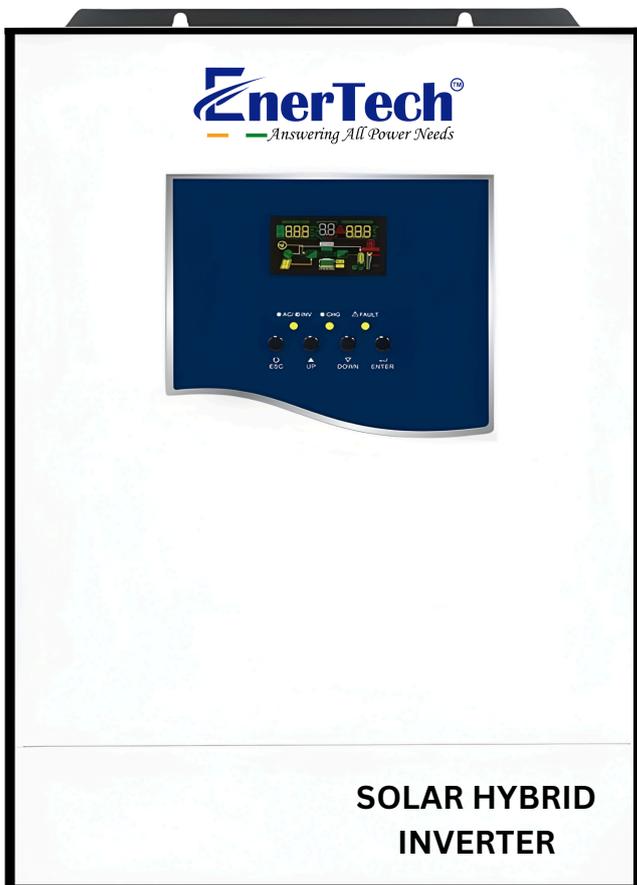


# HIGH FREQUENCY BASED ACTIVE SOLAR HYBRID INVERTER

## E-SERIES

3KW ~ 10KW | 1P-1P



- ✓ Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging.
- ✓ Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel / Mains / Battery Power shares.
- ✓ Utility Charging Voltage / PV Charging Voltage Adjustable, Match Different Battery Charging Requirements.
- ✓ Slim Body, Convenient Installation and Transportation.
- ✓ Battery Reverse Connection Protection with Fuse Switch, Safer Installation.
- ✓ PF1.0, High Efficiency, Lower Consumption, Energy Conservation / Environmental Protection / Electricity Saving / Cost Saving
- ✓ Support Working without Battery: Reduce Solar System Cost
- ✓ Parallel Function Up to Maximum 9 Units: Enlarge More Loads
- ✓ High Precision of Output Voltage,  $\pm 5\%$ , Take Care of your appliances
- ✓ Communication Option: External WiFi, Supervise at any time BMS function for lithium battery
- ✓ 120% DC Overloading ( Solar Panel )



**ENERTECH UPS PVT. LTD.**

Distributor / Dealer Details

☎ Mobile : +91-9370659050 | 9373336340 | 9175413731

🌐 Website : <https://www.enertechups.com> | Email : [sales@enertechups.com](mailto:sales@enertechups.com)

📍 S. No. 399/1-2, PLOT NO 5, Bhare P.O. Ghotawade Near Pirangut Mulsi, Taluka, Pune, Maharashtra 412115

Technical Data							
Model	E324HF	E424HF	E548HF	E648HF	E848HF	E1048HF	
Input Formation	L+N+PE						
Nominal AC Input Voltage	220/230/240VAC						
Input Voltage Range	90-280VAC±3V(Normal Mode)185-264VAC±3V (UPS Mode)				90-280VAC±3V(Inverter Mode) 170-280VAC±3V (UPS Mode)		
Frequency	50/60Hz(Adaptive)				50-60Hz Auto sensing		
Rated Input Power	3000W	4000W	5000W	6000W	8000W	10000W	
Dual Output Power	3000W/3000W	4000W/4000W	5000W/5000W	6000W/6000W	8000W/8000W	10000W/10000W	
Second Load Cut Off Voltage	22V	22V	44V				
Second Load Return Voltage	26V	26V	52V				
Output Voltage(AC)	208/220/230/240VAC ± 5%				220/230/240VAC ± 5%		
Output Frequency	50/60Hz ± 0.1%						
Output Wave Form	Pure Sine Wave						
Transfer Time(AC to DC)	10ms for Computer Equipment, 20ms for Household Equipment						
Overload Capacity (Battery Mode)	21s@102%~110% load 10s@110%~130% load 3s@130%-150% load 400ms@>150% load				21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load		
Grid Connected Operation	Output Voltage	208/220/230/240VAC±5%				220/230/240VAC (Feed-in Grid Voltage Range:195~253VAC)	
	Grid Voltage Range	195-253VA					
	Grid Frequency Range	50/60Hz±0.1%				49-51±1Hz/59-61±1Hz ( Feed-in Grid Frequency Range: 49-51±1Hz/59-61±1Hz)	
	Output Current	13A	17A	21A	26A	34A	43A
	Power Factor Range	>0.99					
Peak Efficiency(Battery Model)	>94%				98%		
DC Voltage	24VDC		48VDC				
Constant Charging Voltage	28.2VDC		56.4VDC				
Float Charging Voltage	27VDC		54VDC				
PV Charging Method	MPPT						
Max PV Input Power	5000W		7500W		2*5500W		
PV Input Voltage Range	60~500VDC		60~500VDC		90-500VDC		
MAX PV Input Voltage	500VDC		500VDC		500VDC		
MAX PV Input Current	18A		27A		18/18A		
MAX PV Charge Current	120A		120A		150A		
MAX AC Charge Current	100A		100A		120A		
MAX Charge Current	100A		120A		150A		
LCD Display	Can display operating mode/load/input/output				AC input Voltage, AC input frequency, PV Voltage, PV Current, Output Voltage, Output Frequency, Battery Voltage, Load Current etc.		
Communication	RS485 Port / BMS / Wifi						
Parallel Interface (2x5 PIN/Pitch2.54mm)	Not Support Parallel		Support Parallel		Support Parallel (2x5PIN/Pitch2.54mm, Lithium battery BMS communication card, WiFi, etc)		
Operating Temperature	-10°C~50°C						
Storage Temperature	-15°C~60°C						
Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer						
Operating Environment Humidity	20%~95%(Non-condensing)						
Noise(dB)	≤50dB						
Gross Weight (Kgs) +/-3%	10.31		11.75		24		
L*W*H (mm) +/-3%	495*312*125				570.8*500*148.2 mm		

Note:

1. Wifi cost extra INR:1500/- if needed
2. E-Series of 24V didnt support Parallel Option. 48VDC have parallel option
3. All Model are IP 21 Enclosure.
4. Payment 100 % advance through NEFT/ RTGS. (50% Advance with P.O and Balance before Dispatch)
5. Delivery Period 2-3 weeks (As per mutual discussion) from the date of non-negotiable, non-cancelable
6. Extended warranty : @8% per year
7. GST and Taxes Extra as applicable
8. Standard Service Toll Free No: 9373679255 service call will be attended in 48 to 72 hours after call logged on to Enertech.
9. Installation Charges: Extra, Freight: Extra.
10. Prices Might change without prior Notification.