

Renewable

Energy equipment

From India - (REeFI)

Rating - 3kVA - 300kVA

Three Phase



Answering All Power Needs



www.enertechups.com

EnerTech
Answering All Power Needs

30 Years Experience In Manufacturing And Development In Cutting Edge Inverter And Converter Technology.

ABOUT ENERTECH

Enertech® UPS Pvt. Ltd. is a leading fast moving Indian multinational manufacturing company, providing the next generation technology products solutions for the Renewable and Power sectors.

We provide a comprehensive wide range of power management solutions including **Solar hybrid Inverter, Solar UPS, Online UPS, Industrial UPS, Industrial Battery Charger, Static Frequency Converter**. With the in-house R&D setup Enertech strive for constant success in leveraging technological innovation with next generation patented technology solutions.

Enertech® with its head quarter at Pune was established in the year 1989. All operations are at Sigma Level 4.87. The company has purposefully expanded by providing power solutions for **IT, Industrial, Healthcare, Banking, and Infrastructure** over the period and expanded footprints in **Africa, Tanzania, Zambia, Cameroon, Nigeria, Niger, Yemen, Sudan, Zimbabwe, USA**.



Leading Power Solution Provider



35+ Partners Across India



20000+ Esteemed Customers

OUR GOAL

VISION

- ◆ To be the most trusted and preferred brand.
- ◆ Best in class customer focused approach.
- ◆ To provide safe, cost effective, quality products.

VALUES

- ◆ Integrity
- ◆ Commitment
- ◆ Team Work

Why We Need REeFI?

- Do you always feel batteries add upto cost of solar power plant?
- Do you think failure in batteries stops you inverter performing basic functionality of generating solar power?
- Is the repeat cost of batteries after 4-5years worrying you place order for solar hybrid plant?
- Do you think your solar inverter cannot run 3ph motor or pumps because of surge currents?

We have a solution for all your above problems!

Enertech has developed a unique solution to solve your challenges : (REeFI – Renewable Energy equipment From India)



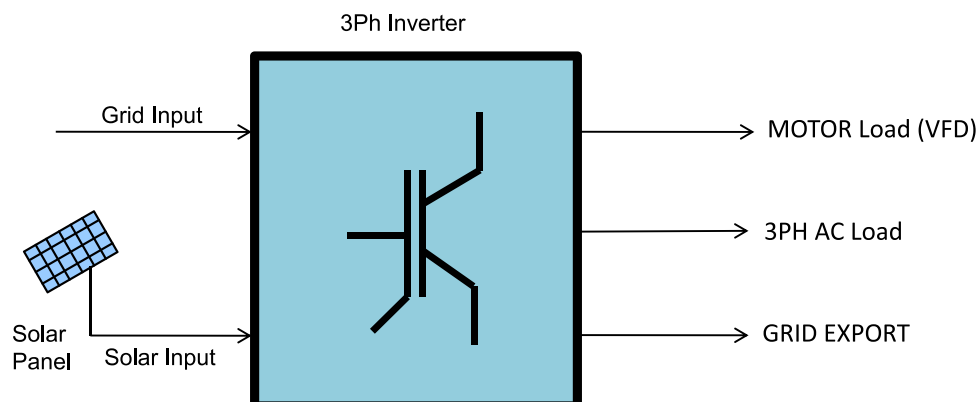
Solution by REFI

It has an inbuilt VFD mode to operate your motors & pumps without increasing capacity for Inverter
It has an inbuilt Solar Inverter mode which can operate your loads without battery directly by solar and grid sharing facility.

Like in a grid tied inverter solar power production is stopped when grid trips in REFI the solar power will operate your loads and pumps even if grid is absent.

It has an inbuilt Solar Grid Tied Inverter mode which can export your balance power into grid in cases where no utilization of solar is done.

It has an additional feature of battery charging if incase user needs backup power to be used in the night time



Working Mode

Work as a Grid Tie Inverter

It has an inbuilt Solar Grid Tied Inverter mode which can export your balance power into the grid in cases where no utilization of solar is done. Like in a grid tied inverter solar power production is stopped when grid trips. But in case of REeFI Model the solar power will operate your loads even if the grid is absent.

Work as a Solar Inverter with Batteryless Features

It has an inbuilt Solar Inverter mode which can operate your loads without battery directly by solar and grid sharing facility and supply power to the load, and it also exports the excess power to the grid.

Work as A Solar Pump Controller

It has an inbuilt VFD mode to operate your motors & pumps without increasing capacity for Inverter (In the output for motor load we have freq from 30hz to 50hz)



Features for REeFI



Advantages

- Low cost of ownership as it avoids batteries
 - Full utilization of solar power even during grid failures
 - No need to purchase a separate pump controller or VFD to operate motors / pumps Can operate like a pure grid tied inverter to export power
 - Additionally if needed can charge batteries when
- Basically one solution for all applications of solar power

Specification

STANDARD SPECIFICATION		REeFI - 3KVA to 300KVA																
MODEL	REeFI																	
INVERTER CAPACITY (kVA)	3	5	10	15	20	25	30	40	50	60	80	100	120	150	200	250	300	
INPUT - GRID																		
Input Voltage Range	415V AC ± 10% , 3Ph, 3W																	
Nominal Frequency	50 Hz (± 6%)																	
INPUT - SOLAR																		
VOC Range	0 - 900VDC																	
OUTPUT - VFD																		
Output Voltage	0- 415V AC ± 2 % , 3P, 3W																	
Output Frequency	Variable																	
Duty	Continuous																	
OUTPUT - AC MODE																		
Output Voltage	415V AC, 3P, 3W																	
Output Frequency	50hZ																	
Duty	Continuous																	
OUTPUT - GRID EXPORT																		
Output Voltage	415V AC +-10%, 3P, 3W																	
Output Frequency	47-53																	
Anti Islanding Function	Available																	
Duty	Continuous																	
CONFIGURATION																		
Modes Available	VFD Mode, AC MODE, GRID EXPORT																	
GRID Export Mode	Enable / Disable Option Available																	
ENVIRONMENTAL																		
Acoustic Noise Level from 1 m	≤ 65 dB																	
Operating Temperature	0 to 40 Deg C																	
Storage Temperature	-10 Deg C to 60 Deg C																	
Relative Humidity	Up to 95 % (Non Condensing)																	
Altitude	< 1000 meter above sea level																	
PHYSICAL																		
Enclosure Protection Grade	IP 20																	
Enclosure Thickness	Frame 2.0mm & all covers 1.6mm																	
Cooling	Forced Air																	
Colour	RAL 7032 / RAL 7016																	
Cable Entry	Bottom																	
CONNECTIVITY																		
Communication (all optional)	RS 232 or Rs485 , Modbus or GSM Connectivity or Wifi																	
Monitoring (all optional)	ENERLOG (Remote Monitoring Solution)																	

*Specifications are subject to change without prior notice

Enertech® Highly Reliable And Efficient Products are Backed by A Highly Responsive and Dependable Field and Factory Services

Your business runs around the clock, and so does Enertech. With 24x7 technical support coverage, including weekends and holidays, The Technical Support team at Enertech is dedicated to protecting your investments

With factory trained engineers positioned throughout the India, rapid response times can significantly reduce downtime and loss of revenue.

Highly skilled Technical Support representatives are available to troubleshoot by phone and, If necessary, Can dispatch the expert Service engineer to your site.



50+ Service Personnel Pan-India



Pan-India Spare Parts Operations



Wide Repair Network

Services

- *Start-up / Installation*
- *Factory and On-site Testing*
- *Preventive Maintenance*
- *Extended Warranty*

Please call for
Technical Support

+91 9372623418





ENERTECH UPS PVT. LTD.

S. No. 399/1-2, Bhare, P. O. Ghotawade,
Near Pirangut, Taluka- Mulshi
Dist.- Pune - 412115

Domestic and International Presence
7 x 24 x 365 Customer Service Support

Contact

Mob. : +91 9370659050, +91 9372623423
Web. : www.enertechups.com
Mail : sales@enertechups.com



Our Offering

Online UPS, Static Frequency Converter,
Solar UPS, Industrial Battery Charger



Follow Us On

