



MICRO INVERTER



ENERGY FOR ALL



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U R Energy started its journey in the solar industry since 2009 and within 8 years achieved a market leading position servicing 71,264+ residential and commercial customers across the world wide solar market. The company procures, develops and installs solar power systems at economic prices for residential, commercial, industries and utility scale customers.

Quality is in the main focus of our business as the company has invested heavily in technology to provide consumers a pleasurable experience of solar adoption through dedicated call centers, live chat based support, and many more for online / application-based live tracking of energy production, customer requests, so that consumers After-sales service can be provided immediately. UR Energy is ISO 9001, ISO 14001 and OHSAS 18001 accredited company, and supplies high-quality inverter, tier 1 panel brand.



ABOUT URE

CHAIRMAN'S MESSAGE



CA VISHNU PATEL

Today generation and utilization of renewable energy is at the center of attention. Governments worldwide have realized the importance of moving away from fossil fuel to clean and green energy in order to provide a safe future to the generations to come. Solar Energy is the key in achieving this objective, as it is a choice available for everyone from a small time farmer in a remote location to mega-scale industries. UR Energy commenced its business with a single objective of accelerating the adoption and growth of solar power systems across the world, not only for its obvious environmental benefits but more importantly the economic benefits to its clients.

We at UR Energy have invested heavily in technology to provide our customers with an exhilarating experience of adopting solar through online/App based live tracking of energy generation, dedicated call center to attend to customer requests, live chat based support and many more.

We have to our credit solar installations of over 250 MW and a customer's base of 71,264 clients - domestic, retail and industries, across the globe. Our quality supplies, economical price structure, convenient payment modes, timely delivery and best in industry customer support are the key to our success.

MISSION

Envisioning ENERGY FOR ALL – as our prime motto and quality as our business USP, Our efforts in mainstreaming solar is to become a World leader and a Rooftop Solar (RTS) Company of Choice executing and operating our projects efficiently and maintaining the highest standards of quality, safety and environmental sustainability.

VISION

Our Vision is to provide high quality and cost effective sustainable-clean energy solutions across all markets sectors, thereby improving quality of present and future human life.

GOALS

U R Energy is committed to increase the renewable power capacities UR Energy is striving to meet a target of 100 megawatts to be a market leader grid-connected solar PV rooftop share of India.



URE Micro Inverter



URE- 250-240A Micro Inverter



URE- 300 Micro Inverter



URE- 300X2-240A Micro Inverter



LEADING FEATURES

- ▲ Designed to connect individual PV modules and perform DC to AC conversion
- ▲ Globally certified for c-ETL-us, SAA, TUV, VDE-AR-N 4105, VDE 0126, G83/2
- ▲ Very simple installation with built-in cables and connectors
- ▲ NEMA-6 enclosure rating
- ▲ NEMA-6/IP/IP-66/IP-67 enclosure rating.
- ▲ Integrated monitoring and power line communication with BDG-256 gateway.
- ▲ Integrated grounding for easy installation.

Product Range :-

- ▲ URE-M250 (220Wp)
- ▲ URE-M300 (250Wp)
- ▲ URE-M300 x 2 (300 x 2 Wp)



USA | UK | AFRICA | DUBAI | INDIA | CHINA | AUSTRALIA

	MODEL	URE-250-240A	URE-250-208A	URE-250-EU URE-250-AU	URE-300	URE-300X2	
INPUT(DC)	Max Recommended PV Power (Wp)	285			300	300X2	
	Max DC Open Circuit Voltage (Vdc)	60					
	Max DC Input Current (Adc)	12					
	MPPT Tracking Accuracy	>99.5%					
	MPPT Tracking Range (Vdc)	22-55					
	Isc PV (absolute maximum) (Adc)	14			14	14X2	
	Maximum Inverter Backfeed Current to the Array (Adc)	0					
OUTPUT(AC)	Rated AC Output Power (Wp)	220			250	500	
	Nominal Power Grid Voltage (Vac)	240	208	230	240	208 230	
	Allowable Power Grid Voltage (Vac)	211-264*	183-229*	Configurable*	211-264*	183-229* Config*	
	Allowable Power Grid Frequency (Hz)	59.3-60.5*		Configurable*	59.3-60.5* Config*		
	THD	<3% (at rated power)					
	Power Factor (cos phi, fixed)	>0.99%			>0.99% at rated power		
	Rated Output Current (Aac)	0.92	1.06	0.96	1.04 1.20 1.09	2.08 2.40 2.17	
	Current (inrush) (Peak and Duration)	12A, 15us					
	Nominal Frequency (Hz)	60		50	60 50	60 50	
	Maximum Output Fault Current (Aac)	2.2A peak			2.2A peak	4.4A peak	
	Maximum Output Overcurrent Protection (Aac)	6.3			6.3	10	
	Max. Number of Units Per Branch (20A/15A circuit)	13	11	12	15/11 13/11 14/11	7/5 6/5 7/5	
	SYSTEM EFFICIENCY	Weighted Averaged Efficiency (CEC)	95%			95.5%	95.5%
Night Time Tare Loss (Wp)		0.17					
PROTECTION FUNCTIONS	Over/Under Voltage Protection	Yes					
	Over/Under Frequency Protection	Yes					
	Anti-Islanding Protection	Yes					
	Over Current Protection	Yes					
	Reverse DC Polarity Protection	Yes					
	Overload Protection	Yes					
	Protection Degree	NEMA-6 /IP-66/IP-67					
	Environment Temperature -	-40C — +65C					
	Display	LED LIGHT					
	Communications	Power Line					
	Dimension (W-H-D mm)	230*138*35			180*186*25	277*132*50	
	Weight (Kg)	2.0			1.5	2.9	
	Environment Category	Indoor and outdoor					
	Wet Location	SUITABLE					
	Pollution Degree	PD 3					
	Maximum Altitude	2000 M					
	Overvoltage Category	II(PV), III (AC MAINS)					
	Product Safety Compliance	UL 1741 CSA C22.2 No. 107.1		IEC/EN 62109-1 IEC/EN 62109-2	California Rule 21 Certified UL 1741 CS C22 C22.2 No. 107.1	IEC/EN 62109-1 IEC/EN 62109-2	
	Grid Code Compliance* (Refer to the label for the detailed grid code compliance)	IEEE 1547		VDE-AR-N 4105* VDE V 0126-1-1/A1 G83/2 AS 4777.2 & AS 4777.3,EN 50438	VDE -AR-N 4150* VDE V 0126-1-/A1 G83/2, CEI 021 AS 4777.2 & AS	VDE-AR-N 4105* VDE V 0126-1-1/A1 G83/2 AS 4777.2 & AS 4777.3,EN 50438	
	<input type="checkbox"/> Grid parameters are configurable through a BDG-256 or BDG-256P3 gateway Compliance <input type="checkbox"/> NEC 2014 Section 690.11 DC Arc-Fault Circuit Protection <input type="checkbox"/> NEC 2014 Section 690.12 Rapid Shutdown of PV Systems on Buildings <input type="checkbox"/> NEC 2014 Section 705.12 Point of Connection (AC Arc-Fault Protection)						



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