



**We CARE For
Your NEEDS**



RaymaxTM
TUBULAR BATTERY

HOME UPS | ONLINE UPS | TUBULAR BATTERIES | SOLAR

www.raymaxpower.in

“

WE MAKE FUTURE

AVAILABLE NOW! ”

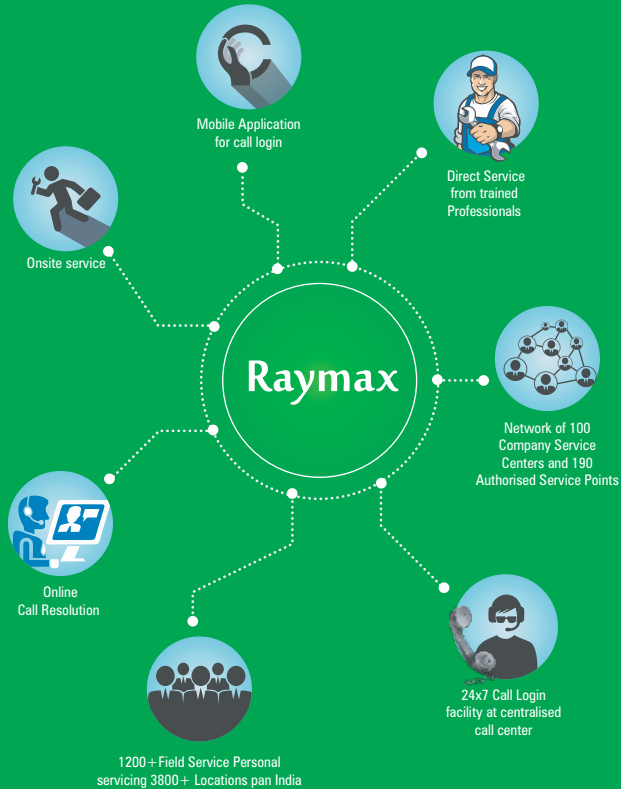


ABOUT RAYMAX

We CARE For
Your NEEDS

UPS and Inverter Batteries in Kerala. With a long expertise in Home UPS and Inverter Batteries. Our vision is to provide Customer Delight through Innovation & Passion with focus on execution & team-work. Raymax offers complete solution in areas of equipment selection, battery sizing, optimum room layout, installation, operation and maintenance. We boasts of a distribution network and service which is continuously monitored and kept contemporary through evolving life cycles and is always ahead of competition.

MOST RELIABLE SERVICE



CUSTOMER CARE
1800 425 0603

MANGALASSERI, PALAKKULAM, MANJERI, MALAPPURAM. 676121. Email: info@raymaxpower.in



Raymax™
TUBULAR BATTERY

www.raymaxpower.in

MORE POWER MORE BAKUP



Greater Reliability | Long Life | Eco Friendly | Heavy Duty

**SOLAR
COMPATIBLE**

72
MONTHS
WARRANTY
★★★★★



ULTRA LOW
MAINTENANCE



EXTRA
LONG BAKUP



QUICKES
CHARGE

We Care For Your Needs

TUBULAR BATTERIES



Our Tall tubular batteries comes with Extremely high purity, corrosion resistant proprietary spine alloy composition ensures longer battery service life. Our Tubular plate construction ensures uniform distribution of positive active material for extremely long life and superior performance all time. We use Extra strong, flexible oxidation-resistant gauntlet for higher performance and extremely long life

KEY FEATURES

**LONG BACK UP
ASSURED WITH
RAYMAX
INVERTER BATTERIES**



Raymax offers wide range of Inverter Batteries, ranging from 110 Ah to 220 Ah. We have back-up solutions for all kinds of customer requirement ranging from 30 minutes to 12 hours. These batteries are designed smartly to give longer back-up and needs lower maintenance.

- Extremely high purity, corrosion resistant proprietary spine alloy composition ensures longer battery service life
- Tubular plate construction ensures uniform distribution of positive active material for extremely long life and superior performance
- Extra strong, flexible oxidation-resistant gauntlet for higher performance and extremely long life
- Plates specially designed for better charge acceptance



Tall tubular battery



42-60 months warranty*



Factory charged battery in ready to use condition



Long & tubular plates give more back-up & longer life



High durability with sealed plastic housing



Easy maintenance with level indicators

SPECIFICATIONS

Model	Nominal Volatage (V)	Rated Capacity @27°C (AH)	Deminsions Container			Electrolyte Volume (Kg.)	Charging Current (Amp)				Weight (Kg)		Water Level Indicator (No.)
			Length (mm)	Width (mm)	Height (mm)		Boost Mode		Trickle Mode		Dry	Filled	
							Starting Current	Finishing Current	Min (mA)	Max (mA)			
RX10A	12	110 AH/C20	500	190	420	27	14.5	10.5	122.0	487	26.0	54.0	6
RX16A	12	160 AH/C20	500	190	420	26	14.5	10.5	125.0	503	32.0	59.0	6
RX21A	12	210 AH/C20	500	190	420	22	14.5	10.5	126.0	503	42.0	67.0	6
RX10B	12	110 AH/C10	500	190	420	27	14.5	10.5	130.0	520	30.0	55.0	6
RX16B	12	160 AH/C10	500	190	420	25	14.5	10.5	134.0	520	38.0	64.0	6
RX21B	12	210 AH/C10	500	190	420	22	14.5	10.5	142.0	538	48.0	71.0	6
RX16C	12	160 AH/C10	500	190	420	25	14.5	10.5	134.0	520	38.0	64.0	6
RX21C	12	210 AH/C10	500	190	420	23	14.5	10.5	142.0	538	48.0	71.0	6

COMPARISON CHART

Model Name	Rating @27°C	Total Warranty (Months)	Replacement Warranty (Months)	Dimensions in mm (LxWxH)	Backup Time (in hrs & min)	MRP ₹
Tall Tubular @ C20						
RX10A	110 AH	36 + 36*	36	500x190x420		14400
RX16A	160 AH	36 + 36*	36	500x190x420		18200
RX21A	210 AH	36 + 36*	36	500x190x420		23500
Tall Tubular @ C10						
RX10B	110 AH	36 + 36*	36	500x190x420		16350
RX16B	160 AH	36 + 36*	36	500x190x420		20480
RX21B	210 AH	36 + 36*	36	500x190x420		24800
Tall Tubular @ C10 (5 Yr Replacement*)						
RX16C	160 AH	60 + 40*	60	500x190x420		24600
RX21C	210 AH	60 + 40*	60	500x190x420		26800

DISCLAIMER

Photographs of the Products shown above are indicative only. Owing to continuous innovation and improvements, actual product may vary in design, description, colors and color combinations from one shown herein.

Care has been taken to ensure that information contained herein is correct and updated from time to time. Luminous Power Technologies Private Limited, however, takes no responsibility of the variations and reserves its right to make changes in the data/details, without any prior intimation or notice.

INVERTERS



Raymax offers a wide range of home UPS systems to keep your appliances functioning smoothly during power failures. Every Raymax Home UPS system is 100% reliable and are manufactured with the latest technology and can be customized according to your requirements.

A STEP AHEAD THAN A DIGITAL INVERTER



950VA - 1550VA

Greater Reliability | Long Life | Eco Friendly | Heavy Duty



DSP Technology
More Reliable



Protection Through
MCS



Pure Sine
Wave



Quick
Charging



Zero Volt
Switching



Circuit
Breaker

XEON
SERIES

KEY FEATURES



**LONG BACK UP
ASSURED WITH
RAYMAX
INVERTER BATTERIES**

Raymax offers a wide range of home UPS systems to keep your appliances functioning smoothly during power failures. Every Raymax Home UPS system is 100% reliable and are manufactured with the latest technology and can be customized according to your requirements.

- Pure Sinewave Output Waveform
- Ratings starting from 700 (12V) to 1700 (24V)
- Designed using the latest state-of-the-art Technology for Better Performance & High Reliability.
- Micro Controller-based Intelligent Control Design.
- Capacity: 1350 VA to 1500 VA
- Safety Alarm to warn in case of short circuit
- LCD Display for status of Power back-up / battery charging time in Hours and Minutes
- Bypass switch for supplying output directly from grid in case of Home UPS fault
- Supports wide battery range, i.e. Flat Plate, Tubular & VRLA (SMF)
- LED Display Indications (Status & Fault)
- Smart Overload Sense and Short Circuit Protection
- Battery State Monitoring
- Mains Input Voltage Range Slide Selection Switch
- Intelligent Home UPS with 32 bit DSP Processor
- Safe for sensitive appliances with Sine wave out-put
- MCB for protection from Input mains
- Noiseless Operations with the help of low harmonic distortion
- Recommended Raymax Batteries for optimum performance



DSP Technology
More Reliable



Protection Through MCB



Pure Sine Wave



Quick Charging



Zero Volt Switching



Circuit Breaker

KEY FEATURES



**LONG BACK UP
ASSURED WITH
RAYMAX
INVERTER BATTERIES**

TECHNICAL SPECIFICATION

Connection Type	Single Phase
Battery input voltage	12V
Mains input voltage	230V AC, 50Hz
Mains input range	0V-270V, 45Hz to 65Hz
Mains high voltage withstand	Up to 440V
AC output (Inverter)	50/60Hz
Battery full Cut-off	14.2V
Inverter output waveform	Pure sine wave (harmonic distortion less than 1%)
Inverter topology	Bridge type center aligned switching MOSFET based
Inverter output power	950VA
Battery charging voltage	Intelligent 4 stage charger constant current/constant voltage SMPS charging with full charge cut off.
Charging current	Settable from 1A to 15A
Charging working range	120V-270V AC Mains input
Inverter high cut-off voltage	270v
Inverter low cut-off voltage	100v
UPS high cut-off voltage	265v
UPS low cut-off voltage	180v
Battery low warning	10.5v
Battery low cut-off	10V
Operating temperature	00C TO 55°C
Cooling fan auto-ON temp.	70°C
Cooling fan auto-OFF temp.	60°C
Storage temperature	-15°C TO 60°C
Humidity	5% to 95% Relative humidity (Non-condensing)
Inverter protection	Overload, short circuit, battery deep discharging

A STEP AHEAD THAN A DIGITAL INVERTER



950VA - 1550VA

Greater Reliability | Long Life | Eco Friendly | Heavy Duty



AIRPLUX
SERIES

AIRPLUX
SERIES

KEY FEATURES

LONG BACK UP
ASSURED WITH
RAYMAX
INVERTER BATTERIES



Raymax home UPS device has been designed as a complete package to provide superior performance and reliability. It is compact and lighter than any other UPS in its class. It is ergonomically designed to give the best operating environment for critical components to offer ultimate reliability with good aesthetics.

- Solar Support Switch
- Advanced battery charging incorporated
- Smart overload & short circuit protection
- Automatic restart facility
- Perfect load compatibility
- Intelligent automatic control
- Battery overcharge/deep discharge protection
- Micro controller based line-interactive technology



DSP Technology
More Reliable



Protection Through
MCB



Pure Sine
Wave



Quick
Charging



Zero Volt
Switching



Circuit
Breaker

KEY FEATURES



**LONG BACK UP
ASSURED WITH
RAYMAX
INVERTER BATTERIES**

TECHNICAL SPECIFICATION

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Battery input voltage	12V
Mains input voltage	230V AC, 50Hz
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Inverter output power	950VA
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Inverter high cut-off voltage	270v
Inverter low cut-off voltage	100v
UPS high cut-off voltage	265v
UPS low cut-off voltage	180v
Battery low warning	10.5v
Battery low cut-off	10V
Operating temperature	00C TO 55°C
Cooling fan auto-ON temp.	70°C
Cooling fan auto-OFF temp.	60°C
Storage temperature	-15°C TO 60°C
Humidity	5% to 95% Relative humidity (Non-condensing)
Inverter protection	Overload, short circuit, battery deep discharging

ONLINE UPS



Raymax Higher KV Inverter/UPS is a Super Inverter which can run various high capacity loads like Fridge, Washing Machine, Geyser, Water Pump, Photocopiers, etc. It is Super because of its Super Design, Super Connectivity & Super Technology. Raymax Higher KV Inverter/UPS is an inverter with unmatched performance and is ideal for residence, offices, and commercial purposes.



POWER THE WORLD



Greater Reliability | Long Life | Eco Friendly | Heavy Duty



KEY FEATURES



CONVERT YOUR
HIGHER RATING INVERTER
INTO SOLAR INVERTER

- Sine Wave Inverter
- Rating: 5000VA / 48V
- Bulb load: 4000W
- Run More load in same or fewer batteries
- Connect & monitor inverter with iCruze Mobile App in Android and iOS
- Faster Charging Ideal for battery with higher capacity
- 24 Month Warranty
- Compact design with improved efficiency and load handling
- User-friendly LCD display and control buttons
- Smart Inverter with an option of GSM/Wi-Fi connectivity and Android/iOS app
- Intelligent battery charging algorithm optimizes the charging current according to the battery capacity
- Easily by-pass the device in case of device fault and allow mains to be available without any wiring changes



DSP Technology
More Reliable



Protection Through
MCB



Pure Sine
Wave



Quick
Charging



Zero Volt
Switching



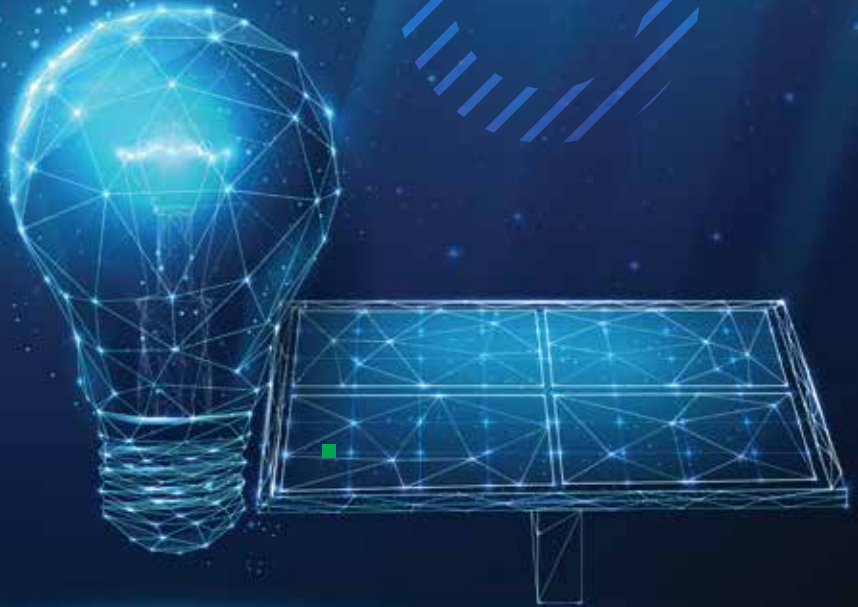
Circuit
Breaker

TECHNICAL SPECIFICATIONS

Connection Type	Single Phase
Battery input voltage	12V DC- 48V DC (Various models)
Mains input voltage	230V AC, 50Hz
Mains input range	0V-270V, 45Hz to 65Hz
Mains high voltage withstand	Up to 440V
AC output (Inverter)	230V ± 3%, 50Hz
Battery full Cut-off	14.5V
Inverter output waveform	Pure sine wave (harmonic distortion less than 1%)
Inverter topology	Bridge type center aligned switching MOSFET based
Inverter output power	1650 VA 2000 VA 2500 VA 3000 VA
Power Factor	
Battery charging voltage	Intelligent 4 stage charger constant current/constant voltage SMPS charging with full charge cut off.
Charging current	Settable from 1A to 15A
Charging working range	120V-270V AC Mains input
Inverter high cut-off voltage	270v
Inverter low cut-off voltage	100v
UPS high cut-off voltage	265v
UPS low cut-off voltage	180v
Battery low warning	10.5v
Battery low cut-off	10V
Operating temperature	00C TO 55°C
Cooling fan auto-ON temp.	70°C
Cooling fan auto-OFF temp.	60°C
Storage temperature	-15°C TO 60°C
Humidity	5% to 95% Relative humidity (Non-condensing)
Inverter protection	Overload, short circuit, battery deep discharging

Specification	Inverter Mode	
Input voltage Range	100V - 270V ± 10V	
Changeover time (Inverter to mains)	Approx<=10msec	
Changeover time (Mains to Inverter)	Approx<=40msec	

MPPT Controller



Raymax MPPT Solar Charger Controller is a system with advanced MPPT (Maximum Power Point Tracking) Technology. Our MPPT comes with excellent EMC design and Nominal system voltage automatic recognition.

SOLAR ENERGY FOR HOME & OFFICE



MPPT SOLAR CHARGE CONTROLLER

40 / 50 / 60 / 100A
12V 24 V Solar Controller



KEY FEATURES



**LONG BACK UP
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RAYMAX
INVERTER BATTERIES**

Raymax MPPT Solar Charger Controller is a system with advanced MPPT (Maximum Power Point Tracking) Technology. Our MPPT comes with excellent EMC design and Nominal system voltage automatic recognition. High efficient Series PWM charging, increases battery life and improves the solar system performance. Raymax uses MOSFET as an electronic switch, without any mechanical switch. Our products are widely used, Raymax MPPT automatically recognizes day/night.

Raymax Power is a powerful and trustworthy brand with a wide range of innovative products in the power backup, home electrical and residential solar that covers, inverters Batteries, Solar solutions, and much more to every power requirement to residential and commercial needs.

- 4 Stage Charging: Bulk, Absorption, Float & Equalize
- Supports LA/SMF/Tubular/Solar. Does not support GEL/AGM
- Complete Protection, Reverse PV, Battery Low
- Battery Deep Discharge and High Temp.
- Higher Efficiency, Wall Mounting, Power Saving on Display
- Compatible for 12/24/36/48V battery bank (Automatic battery bank selection).
- PV panel input open-circuit voltage up to 150 V & maximum charging current up to 80A.
- Ultra-fast & efficient power point tracking algorithm.
- PV panel reverse polarity protection & over-voltage protection.
- Displays Everyday Energy harvest.

WE AIM TO
CREATE A RELIABLE
CONNECTION BETWEEN
YOU AND YOUR HOME



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& HOME UPS | SOLAR

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