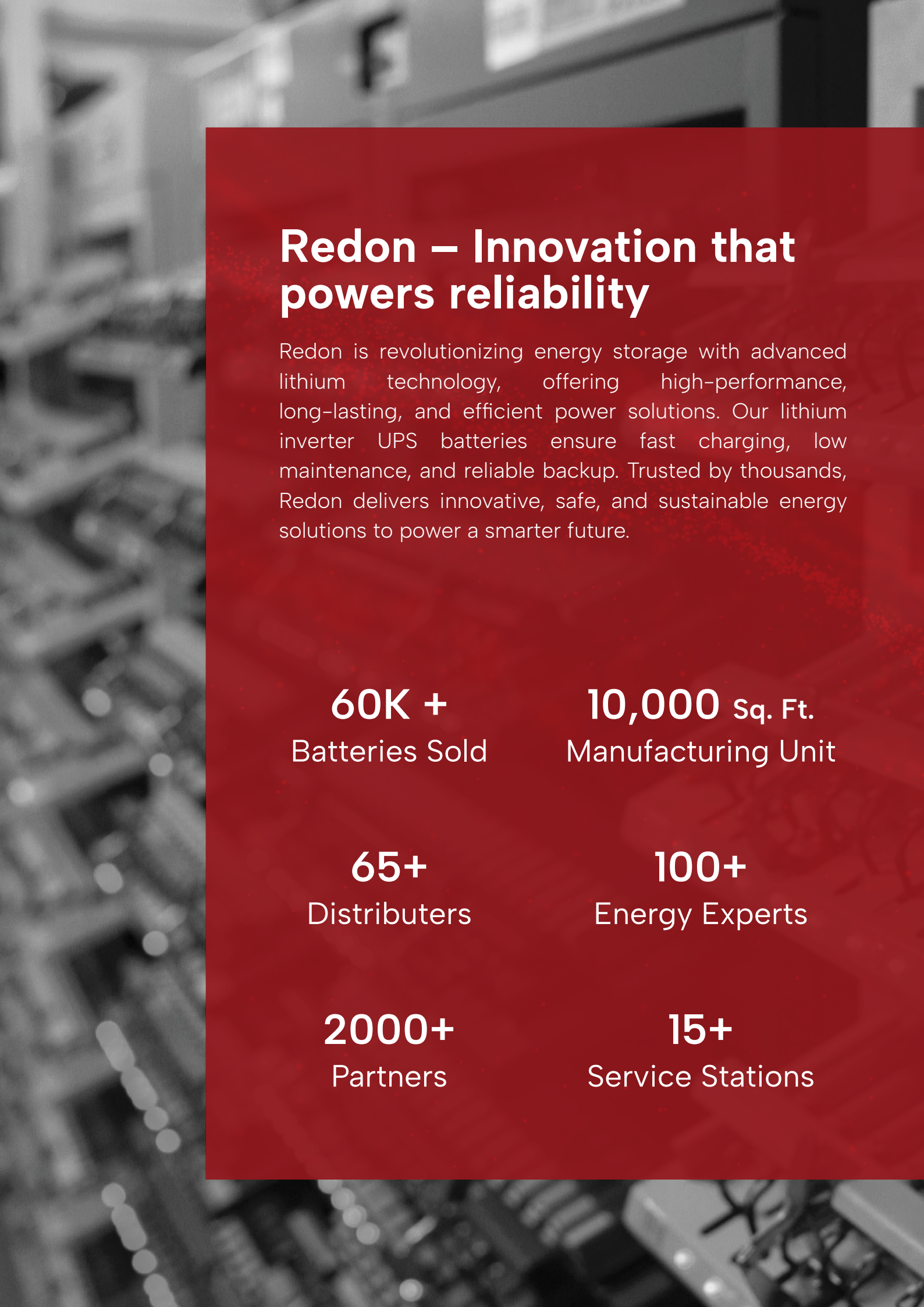
REDON

LITHIUM UPS
INVERTER





Redon – Innovation that powers reliability

Redon is revolutionizing energy storage with advanced lithium technology, offering high-performance, long-lasting, and efficient power solutions. Our lithium inverter UPS batteries ensure fast charging, low maintenance, and reliable backup. Trusted by thousands, Redon delivers innovative, safe, and sustainable energy solutions to power a smarter future.

60K +
Batteries Sold

10,000 Sq. Ft.
Manufacturing Unit

65+
Distributers

100+
Energy Experts

2000+
Partners

15+
Service Stations

Why Redon Lithium UPS Leads the Charge

Features	Lithium UPS	Traditional Lead-Acid
Charging Time	2-3 hrs	8-10 hrs
Lifespan	7-10 years	3-4 years
Maintenace	Less	Frequent
Weight	Lightweight	Heavy
Backup Realiability	High	Moderate

Ideal Usage

Home

Office

Hospital

Shops

Telecom

Solar

1KVA 12.8V

REDON



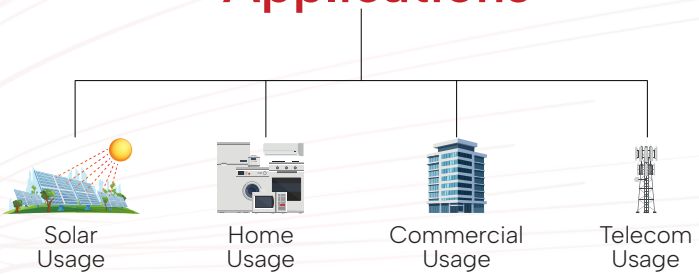
Redon Lithium UPS Inverter

Redon's 1KVA 12.8V Lithium UPS Inverter offers compact, safe, and efficient power backup with an in-built Lithium-ion battery. It ensures long life, maintenance-free operation, and features an LCD display for real-time stats like charging time, backup duration, and running load. Ideal for modern homes and small spaces.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

1KVA Lithium Inverter UPS – Sine Wave

Technical Specifications		
Model		1KVA
Operating DC Voltage	Volts	12.8
System Capacity	KW	0.8 (Bulb)
Battery Capacity (Min/Max)	AH	100-250
Parameters		
Low Cut Off	Volts	10.5 / Batt ±2%
Low Cut Off Recovery by SPV	Volts	11.5 / Batt ±2%
Low Buzzer	Volts	10.7 / Batt ±2%
High Cut Off	Volts	16.5 / Batt ±2%
High Cut Off Recovery	Volts	15.0 / Batt ±2%
Grid Charging Current Enable by Dip Switch (Normal)	Amps	12A ±2%
Grid Charging Current Enable by Dip Switch (High)	Amps	15A ±2%
Grid Charging Current Disable by Dip Switch	Amps	0 Amp
Output		
Output Voltage Noload	Volts	230 ±2%
Output Frequency	Hz	50 ±2%
Overload	Amps	3.4
Over Load Retry UPS Mode	-	NA
Overload Retry Inverter Mode	-	3 Times
Grid		
Battery Charging Stages	-	5 (Softstart, Boost, Absorbtion, Float, Equalise)
No of Phase	-	1Phase-3Wire P,N,E
Voltage Range(Inverter Mode)	V	100-280 ±2%
Voltage Range(UPS Mode)	V	175-255 ±2%
Frequency Range	Hz	45-55 ±2%
Display		
Display	Alphanumeric	16x2 LCD
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency
	Input (Grid)	Voltage and Frequency
	Solar	Voltage, Current, Power and Energy (Optional)
	Battery	Voltage, Current
	Status/Faults	Inverter Status, Mains Status, Charger Status, Solar Status and Battery Status/ Charging Stages/Over Temp, System Uptime
Inverter		
Switching Element	-	MOSFET
INV/UPS (IT mode)		By Dip Switch
Output voltage	Volts	220 ±2%
Efficiency		≥80%
Phase	-	1Phase-3Wire P,N,E
Output Waveform	-	Pure Sine Wave
Frequency	Hz	50 ±2%
Changeover (Mains to Inverter)	ms	<10ms
Output Power Factor	Pf	0.8
Switches	-	System ON/OFF, Modes Selection: Hybrid 1 PCU / Smart, INV 1 UPS Selection
Indication (LED)	-	Inverter On, Mains In Range, Battery Low/High, Charger On, Overload, Faults
Alarm (Audible)	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On
Protection	-	Overload, Short circuit protection, Over Voltage, SPV surge and Transient protection (MOV varistors), Reverse polarity of Battery, Over temperature Protection, Under Voltage and Over Voltage Protection
Cooling	-	Forced Air cooling (Temp Controlled)
Operating Temp	C	0-50
Noise @ 1Meter Distance	-	50dB
Operating Humidity	%	95
Protection Class	-	IP20
Dimensions (LxWxH)	mm	432x382x216
Net Weight	kg	18



SINE WAVE TECHNOLOGY



SAFE - NO OPEN WIRES



MAINS MCB PROTECTION



INTELLIGENT BATTERY MANAGEMENT SYSTEM



MULTIPLE USAGE

1KVA 12.8V

REDON



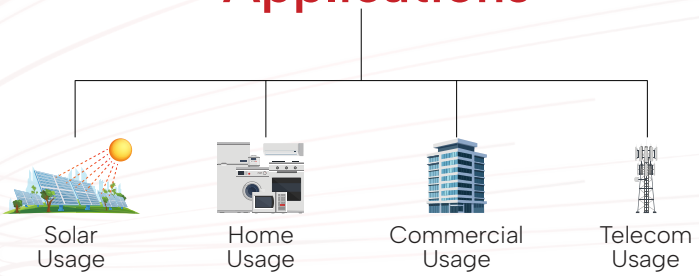
Redon Lithium UPS Inverter

Redon's 1KVA 12.8V Sine Wave Wallmount Inverter is a compact, durable solution for smooth backup during power cuts. Its in-built Lithium-ion battery ensures long life and zero maintenance. Ideal for residential use, it features a user-friendly LCD display and wall-mounted design for easy installation and real-time performance monitoring.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

1KVA Lithium UPS Inverter – Sine Wave Wallmounted

Technical Specifications			
Model		1KVA	
Operating DC Voltage	Volts	12.8	
Battery Capacity (Min/Max)	KW	50-100	
SPV Parameters			
SPV Open Circuit Voltage Range (Min-Max)	Volts	18-50	
Max SPV Power	KW	1	
Solar Charge Controller Rating	A	80	
MPPT Based Charge Controller			
Switching Element		Mosfet	
Controller		DSP	
Type Of Charger		MPPT	
MPPT Battery Curent Limiting (Default)		25A	
Efficiency		>95%	
Parameters		Battery	Default Value
PCU Working Mode Selection by Dip Switch / Selection Switch	Mode	SMART I HYBRID I PCU	SMART
Grid Disconnect Solar Present (PCU/Smart)	Volts	According Battry Type Achive Boost (Mains Disconnect After 2Min)	
Grid Reconnect (SMART/PCU)	Volts	11.8 / Batt ±2%	
Low Cut Off	Volts	11.0	
Low Buzzer	Volts	11.2	
High Cut Off	Volts	16.5	
High Cut Off Recovery	Volts	15.0	
Boost Charging Volt by SPV TUB/SMF	Volts	14.2	
Grid Charging Current Enable by Dip Switch (Normal)	Amps	12A ±2%	
Grid Charging Current Enable by Dip Switch (High)	Amps	15V ±2%	
Grid Charging Current Disable by Dip Switch	Amps	0Amp	
Output			
Output Voltage Noload	Volts	220 ±2%	
Output Frequency	Hz	50 ±2%	
Overload	Amps	800W (Bulb Load)	
Over Load Retry UPS Mode	-	NA	
Overload Retry Inverter Mode	-	3 Times	
Grid			
Battery Charging Stages	-	5 (Softstart, Boost, Absorbtion, Float, Equalise)	
No of Phase	-	1Phase-3Wire P,N,E	
Voltage Range (Inverter Mode)	V	100-280 ±2%	
Voltage Range (UPS Mode)	V	175-255 ±2%	
Frequency Range	Hz	45-55 ±2%	
Display			
Display	Alphanumeric	16x2 LCD	
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency	
	Input (Grid)	Voltage and Frequency	
	Solar	Voltage, Current, Power and Energy (Optional)	
	Battery	Voltage, Current	
	Status/Faults	Inverter Status, Mains Status, Charger Status, Solar Status and Battery Status/ Charging Stages/Over Temp, System Uptime	
Inverter			
Switching Element	-	MOSFET	
INV/UPS (IT mode)		By Dip Switch	
Output voltage	Volts	220 ±2%	
Efficiency		≥85%	
Phase	-	1Phase-3Wire P,N,E	
Output Waveform	-	Pure Sine Wave	
Frequency	Hz	50 ±2%	
Changeover (Mains to Inverter)	ms	<10ms	
Output Power Factor	Pf	0.8	
Switches	-	System ON/OFF, Modes Selection: Hybrid 1 PCU / Smart, INV / UPS Selection	
Indication (LED)	-	Inverter On, Mains In Range, Battery Low/High, Charger On, Overload, Faults	
Alarm (Audible)	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On	
Protection	-	Overload, Short circuit protection, Over Voltage, SPV surge and Transient protection (MOV varistors), Reverse polarity of Battery, Over temperature Protection, Under Voltage and Over Voltage Protection	
Cooling	-	Forced Air cooling (Temp Controlled)	
Operating Temp	C	0-50	
Noise @ 1Meter Distance	-	50dB	
Operating Humidity	%	95	
Protection Class	-	IP20	
Dimensions (LxWxH)	mm	432x382x216	
Net Weight	kg	14	

2KVA 24V

REDON



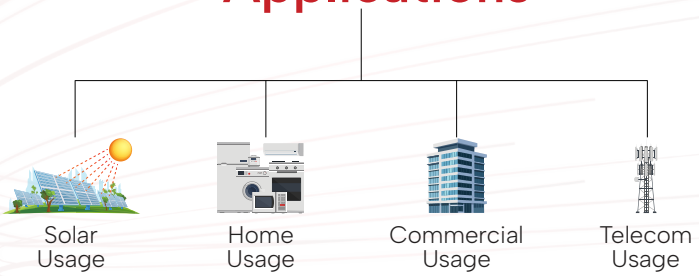
Redon Lithium UPS Inverter

Redon's 2KVA 24V Lithium UPS Inverter delivers reliable power backup for medium-sized homes and offices. With an in-built Lithium-ion battery, it ensures long life, less maintenance, and efficient performance. Its compact design and LCD display provide real-time stats like backup time and load, making it user-friendly and efficient.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

2KVA Lithium Inverter UPS Battery

Technical Specifications		
Model		2KVA
Operating DC Voltage	**Volts**	24
System Capacity	**KW**	1.6
Battery Capacity (Min/Max)	**AH**	100-250
Parameters		
Low Cut Off	Volts	10.5 / Batt ±2%
Low Buzzer	Volts	10.7 / Batt ±2%
High Cut Off	Volts	17.0 / Batt ±2%
High Cut Off Recovery	Volts	16.5 / Batt ±2%
Grid Boost Charging Volt TUB/SMF	Volts	14.5
Float Charging Voltage	Volts	14.4
Grid Charging Current Enable by Dip Switch (Normal)	Amps	12.5A ±2%
Grid Charging Current Enable by Dip Switch (High)	Amps	15A ±2%
Grid Charging Current Disable by Dip Switch	Amps	0 Amp
Output		
Output Voltage Noload	Volts	220 ±2%
Output Frequency	Hz	50 ±2%
Overload	Amps	60W (5.5A)
Over Load Retry UPS Mode	-	3 Times
Overload Retry Inverter Mode	-	3 Times
Grid		
Battery Charging Stages	-	5 (Softstart, Boost, Absorbtion, Float, Equalise)
No of Phase	-	1Phase-3Wire P,N,E
Voltage Range(Inverter Mode)	V	100-280 ±2%
Voltage Range(UPS Mode)	V	175-255 ±2%
Frequency Range	Hz	45-55 ±2%
Display		
Display	Alphanumeric	16x2 LCD
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency
	Input (Grid)	Voltage and Frequency
	Solar	Voltage, Current, Power and Energy (Optional)
	Battery	Voltage, Current
	Status/Faults	Inverter Status, Mains Status, Charger Status, Solar Status and Battery Status/ Charging Stages/Over Temp, System Uptime
Inverter		
Switching Element	-	MOSFET
INV/UPS (IT mode)		By Dip Switch
Output voltage	Volts	220 ±2%
Efficiency		≥85%
Phase	-	1Phase-3Wire P,N,E
Output Waveform	-	Pure Sine Wave
Frequency	Hz	50 ±2%
Changeover (Mains to Inverter)	ms	<10ms
Output Power Factor	Pf	0.8
Switches	-	System ON/OFF, Modes Selection: Hybrid 1 PCU / Smart, INV / UPS Selection
Indication (LED)	-	Inverter On, Mains In Range, Battery Low/High, Charger On, Overload, Faults
Alarm (Audible)	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On
Protection	-	Overload, Short circuit protection, Over Voltage, SPV Surge and Transient Protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under Voltage and Over Voltage Protection
Cooling	-	Forced Air cooling (Temp Controlled)
Operating Temp	C	0-50
Noise @ 1Meter Distance	-	50dB
Operating Humidity	%	95
Protection Class	-	IP20
Dimensions (LxWxH)	mm	470x400x500
Net Weight	kg	27.5



SINEWAVE TECHNOLOGY



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INTELLIGENT BATTERY MANAGEMENT SYSTEM



MULTIPLE USAGE

3KVA 48V

REDON



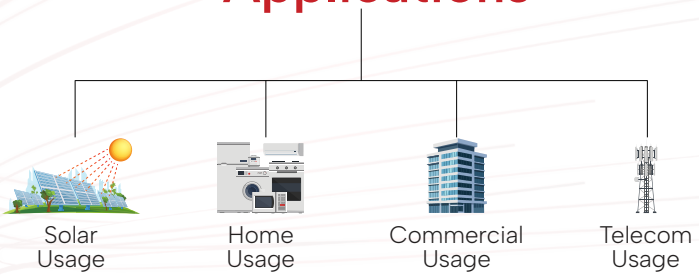
Redon Lithium UPS Inverter

Redon's 3KVA 48V Lithium UPS Inverter is designed for higher power needs in homes and small businesses. It features an in-built Lithium-ion battery for long-lasting, maintenance-free operation. The LCD display offers real-time monitoring of performance, while its compact and durable design ensures seamless power backup during outages.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

3KVA Lithium Inverter UPS Battery

Technical Specifications		
Model		3KVA
Operating DC Voltage	Volts	48
System Capacity	KW	2.4
Battery Capacity (Min/Max)	AH	100-250
SPV Parameters		
SPV Open Circuit Voltage Range (Min-Max)	Volts	72-200
Max SPV Power	KW	3
Solar Charge Controller Rating	A	70
Compatible SPV Panels		36 / 60 / 72 Cell
MPPT Based Charge Controller		
Switching Element		IGBT Module
Controller		DSP
Type Of Charger		MPPT
MPPT Battery Curent Limiting (Default)		40A
Efficiency		>95%
Parameters		
PCU Working Mode Selection by Dip Switch / Selection Switch	Mode	Mode Selection: Hybrid / PCU / Smart, INV / UPS Selection
Grid Disconnect Solar Present (PCU/Smart)	Volts	According Battry Type Achive Boost (Mains Disconnect After 2Min)
Grid Reconnect (SMART/PCU)	Volts	11-12V
Low Cut Off	Volts	10.5 / Batt ±2%
Low Cut Off Recovery by SPV	Volts	11.5 / Batt ±2%
Low Buzzer	Volts	10.7 / Batt ±2%
High Cut Off	Volts	17.0 / Batt ±2%
High Cut Off Recovery	Volts	16.5 / Batt ±2%
Boost Charging Volt by SPV TUB/SMF	Volts	14.8 / Batt ±2%
Grid Boost Charging Volt TUB/SMF	Volts	14.4V ±2%
Float Charging Voltage	Volts	13.7V ±2%
Grid Charging Current Enable by Dip Switch (Normal)	Amps	NA
Grid Charging Current Enable by Dip Switch (High)	Amps	High
Grid Charging Current Disable by Dip Switch	Amps	Enable
Output		
Output Voltage Noload	Volts	230 ±2%
Output Frequency	Hz	50 ±2%
Overload	Amps	10.4
Over Load Retry UPS Mode	-	NA
Overload Retry Inverter Mode	-	3 Times
Grid		
Battery Charging Stages	-	5 (Softstart, Boost, Absorbtion, Float, Equalise)
No of Phase	-	1Phase-3Wire P,N,E
Voltage Range (Inverter Mode)	V	100-280 ±2%
Voltage Range (UPS Mode)	V	175-255 ±2%
Frequency Range	Hz	45-55 ±2%
Display		
Display	Alphanumeric	20X4 LCD With Switch Configuration
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency
	Input (Grid)	Voltage and Frequency
	Solar	Voltage, Current, Power and Energy (Optional)
	Battery	Voltage, Current
	Status/Faults	Inverter Status, Mains Status, Charger Status, Solar Status and Battery Status/ Charging Stages/Over Temp, System Uptime
Inverter		
Switching Element	-	MOSFET
INV/UPS (IT mode)		Front Switch
Output voltage	Volts	230 ±2%
Efficiency		≥85%
Phase	-	1Phase-3Wire P,N,E
Output Waveform	-	Pure Sine Wave
Frequency	Hz	50 ±2%
Changeover (Mains to Inverter)	ms	<10ms
Output Power Factor	Pf	0.8
Switches	-	System ON/OFF, Modes Selection: Hybrid 1 PCU / Smart, INV / UPS Selection
Indication (LED)	-	Inverter On, Mains In Range, Battery Low/High, Charger On, Overload, Faults
Alarm (Audible)	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On
Protection	-	Overload, Short Circuit Protection, Over Voltage, SPV surge and Transient Protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under Voltage and Over Voltage Protection
Cooling	-	Forced Air cooling (Temp Controlled)
Operating Temp	C	0-50
Noise @ 1Meter Distance	-	50dB
Operating Humidity	%	95
Protection Class	-	IP20
Dimensions (LxWxH)	mm	600x400x610
Net Weight	kg	39.42

5KVA 48V

REDON



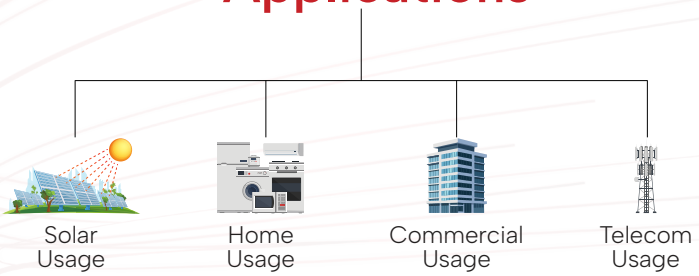
Redon Lithium UPS Inverter

Redon's 5KVA 48V Lithium UPS Inverter is built to handle high-power demands in residential, commercial, and industrial spaces. It ensures smooth operation during power cuts or off-grid use. It features a user-friendly LCD display for easy monitoring, and comes in a compact, durable design for long-lasting performance and easy installation.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

5KVA Lithium Inverter UPS Battery

Technical Specifications		
Model		5KVA
Operating DC Voltage	**Volts**	48
System Capacity	**KW**	2.4/4
Battery Capacity (Min/Max)	**AH**	100-250
Parameters		
Low Cut Off	Volts	10.5 / Batt ±2%
Low Cut Off Recovery by SPV	Volts	11.5 / Batt ±2%
Low Buzzer	Volts	10.7 / Batt ±2%
High Cut Off	Volts	16.5 / Batt ±2%
High Cut Off Recovery	Volts	15.0 / Batt ±2%
Grid Boost Charging Volt TUB/SMF	Volts	14.4V ±2%
Float Charging Voltage	Volts	13.7V ±2%
Grid Charging Current Enable by Dip Switch (Normal)	Amps	NA
Grid Charging Current Enable by Dip Switch (High)	Amps	High
Grid Charging Current Disable by Dip Switch	Amps	Enable
Output		
Output Voltage Noload	Volts	230 ±2%
Output Frequency	Hz	50 ±2%
Overload	Amps	17.3
Over Load Retry UPS Mode	-	NA
Overload Retry Inverter Mode	-	3 Times
Grid		
Battery Charging Stages	-	5 (Softstart, Boost, Absorbtion, Float, Equalise)
No of Phase	-	1Phase-3Wire P,N,E
Voltage Range(Inverter Mode)	V	100-280 ±2%
Voltage Range(UPS Mode)	V	175-255 ±2%
Frequency Range	Hz	45-55 ±2%
Display		
Display	Alphanumeric	20X4 LCD With Switch Configuration
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency
	Input (Grid)	Voltage and Frequency
	Solar	Voltage, Current, Power and Energy (Optional)
	Battery	Voltage, Current
	Status/Faults	Inverter Status, Mains Status, Charger Status, Solar Status and Battery Status/ Charging Stages/Over Temp, System Uptime
Inverter		
Switching Element	-	MOSFET
INV/UPS (IT mode)		Front Switch
Output voltage	Volts	230 ±2%
Efficiency		≥85%
Phase	-	1Phase-3Wire P,N,E
Output Waveform	-	Pure Sine Wave
Frequency	Hz	50 ±2%
Changeover (Mains to Inverter)	ms	<10ms
Output Power Factor	Pf	0.8
Switches	-	System ON/OFF, Modes Selection: Hybrid 1 PCU / Smart, INV 1 UPS Selection
Indication (LED)	-	Inverter On, Mains In Range, Battery Low/High, Charger On, Overload, Faults
Alarm (Audible)	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On
Protection	-	Overload, Short circuit protection, Over Voltage, SPV surge and Transient protection (MOV varistors), Reverse polarity of Battery, Over temperature Protection, Under Voltage and Over Voltage Protection
Cooling	-	Forced Air cooling (Temp Controlled)
Operating Temp	C	0-50
Noise @ 1Meter Distance	-	50dB
Operating Humidity	%	95
Protection Class	-	IP20
Dimensions (LxWxH)	mm	600x400x610
Net Weight	kg	49.93



SINEWAVE TECHNOLOGY



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INTELLIGENT BATTERY MANAGEMENT SYSTEM



MULTIPLE USAGE

10KVA 180V

REDON



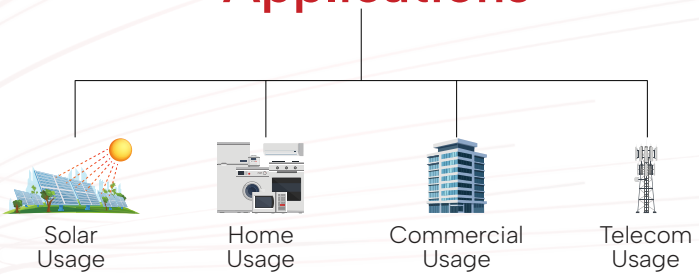
Redon Lithium UPS Inverter

Redon's 10KVA 180V Lithium UPS Inverter is a robust solution for large-scale power requirements in commercial and industrial setups. With an in-built Lithium-ion battery, it ensures efficient, maintenance-free operation. The user-friendly LCD display provides real-time performance updates, while its durable design guarantees reliable and long-lasting power backup.

Features

- Real-time monitoring of operation status by LCD
- Intelligent air cooling & heat dissipation
- Bluetooth application
- Overcharge & discharge cutoff
- IP65 compliant
- Temperature cutoff
- Shock absorption
- Short circuit protection
- Installation option: Wall mount
- Plug & play battery
- Connecting more batteries in parallel to increase usage time

Applications



Certifcations

CE IEC MSDS UN38.3 UN3480

10KVA Lithium Inverter UPS Battery

Technical Specifications		
Model		10KVA
Operating DC Voltage	Volts	180
PFC Parameters		
Mains Input Range (Min – Max)	Volts	165-265 ±2%
PFC Based Mains Charger		
Switching Element		IGBT Module
Controller Type		DSP
Type of Charger		PFC
Efficiency		95%
Battery Charging Stages		5 Stages (Soft Start, Boost, Absorption, Float and Equalize)
Power Factor		0.8 pf
Battery		
Low Cut Off	Volts	10.5 / Batt ±2%
Low Cut Off Recovery	Volts	12.6 / Batt ±2%
Low Buzzer	Volts	10.7 / Batt ±2%
High Cut Off	Volts	17.0 / Batt ±2%
High Cut Off Recovery	Volts	16.5 / Batt ±2%
Boost Charging Volt by Grid (TUB)	Volts	14.0 / Batt ±2%
Boost Charging Volt by Grid (SMF)	Volts	13.75 / Batt ±2%
Charging Current by Grid	Amps	[2.5 (Normal) / 5 (High) ±2% (Default)] or [5 (Normal) / 10 (High) ± 2% (Optional)]
Output		
Output @ No load	Volts	230 ±2%
Output Frequency	Hz	50 ±2%
Overload	Amps	34.8
	Watts	8KW
Output Low Retry	-	1 Time
Output Short Circuit	-	1 Time
No Load Battery Current	%	2%
Display		
Display	Alphanumeric	20x4 LCD
Parameters	Output (Inverter)	Voltage, Current, Power and Frequency
	Input (Grid)	Voltage and Frequency
	Battery	Voltage, Current
	Status/Faults	Inverter Status, Mains Status, Charger Status and Battery Status/Charging Stages
Mains		
No of Phase	-	1Phase-3Wire P,N,E
Voltage range	Volts	165-280 ±2%
Frequency range	Hz	45-55 ±2%
Battery Charging Stages	-	5
Inverter		
Switching Element	-	IGBT
Output voltage	Volts	230
Phase	-	1Phase-3Wire P,N,E
Output Waveform	-	Digitally Filtered Pure Sine Wave
Frequency	Hz	50
Output Power Factor	Pf	0.8
Mains Bypass in case of Fault		Static By Pass (Optional)
Overload Retry	-	3
Switch	-	System ON/OFF, HIGH/LOW Charging Selection,SMF/TUB Battery Selection
Indication	-	UPS On, Mains In Range, Battery Low/High, Charger On, Overload, Faults
Alarm	-	Battery Low, Overload, Charger On, UPS On
Protection	-	Overload,Short Circuit Protection,Over Voltage,Mains Surge and Transient
Cooling	-	Forced Air cooling (Temp Controlled)
Communication	-	Remote Monitoring System (Over GPRS / BLE and Wifi) or RS232 (Megatec)
Operating Temp	C	0-50
Operating Humidity	%	95
Protection Class	-	IP20
Dimensions (LxWxH)	mm	750x500x350
Net Weight	kg	50



SINEWAVE TECHNOLOGY



SAFE - NO OPEN WIRES



MAINS MCB PROTECTION



INTELLIGENT BATTERY MANAGEMENT SYSTEM



MULTIPLE USAGE

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