

LUM-liCR48V-4000

Luminous - Icruze Inverter 4000VA 48V

Product Overview

Luminous - Icruze Inverter 4000VA 48V, liCR48V-4000, Pure Sinewave, Non-Solar, Requires 4x 12V Battery, Batteries not included, Max load of 2850W and a charging current of 21A



Specifications

Overview:

Luminous - iCruze Inverter, 4000VA, 48V

The Luminous iCruze 4000VA, 48V inverter offers a max load of 2850W and a charging current of 21A. When purchasing this unit, 4 x 12V Inverlast Tall Tubular batteries, either 150Ah, 200Ah or 220Ah are required for operation. All four batteries must have the same Ah rating and be connected in series. This is not a DIY unit as it has to be connected to your Grid.

Specifications:

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Specifications	
Product Code	LUM-liCR48V-4000
Model	4KVA
Input Regulated UPS mode	
Rated Voltage	230V AC
Undervoltage	180+/-5V
Undervoltage Restoration	190+/-5V
Overvoltage	260+/-5V
Overvoltage Restoration	250+/-5V
Input Unregulated ECO mode	
Undervoltage	140+/-5V

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Product Specification Sheet

Undervoltage Restoration	150+/-5V
Overvoltage	280+/-5V
Overvoltage Restoration	270+/-5V
Output	
Rated voltage (UPS Mode)	230V AC
Voltage (Mains Mode)	SAME AS INPUT
Frequency (UPS Mode)	50+/-1Hz
Frequency (Mains Mode)	SAME AS INPUT (47-53 Hz)
Load Performance Factor	0.6 to 0.8#
Overload	> 110%
Transfer Time(typical a.s.)	< 10 ms.
Battery	
Capacity	60Ah-220Ah TUBULAR / FLAT / SMF
Number of Battery	4
Typical Recharge Time	8-10 hours approx
Battery Boost Volatge	55V-57V
Protection	LOW BATTERY
TDR	
TDR Delay	4Min approx
Physical	
Net weight (Kg.)	36.0 Kg
Gross weight (Kg.)	38.0 Kg
Dimension (LxWxH)(mm)	300x487x 452
Front LCD Displays	
Load Percentage	Displays "L085%"
Time to Charge & Discharge	Display time to charge or discharge in HH:MM
Overload	Displays "old"
Short Circuit	Displays "sct"
AC MCB Trip	Displays "AC:bt"
Front LCD Displays	
DC MCB Trip	Displays "DC:bt"
No Load	Displays "nL:dl"
Overtemperature	Displays "otp"
Battery Low	Displays "Lbt" when batt. completely discharged
Battery High Cut	Displays "btHI" When Batt.Voltage Batt.Voltage > 63V
Temp. Sensor Failed	Displays "tSFL" When internal failure
Battery Level Symbol	Displays battery level available

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Product Specification Sheet

Charging Symbol	Displays when battery is charging
Mains Symbol	Displays spark symbol
Mode Selection	Displays ECO or UPS Mode
Fault Symbol	Displays if there any fault or trip condition
Alarms	
UPS ON/OFF Low Battery	5 Beeps of 1Sec. each 1 Beep of 10Sec.
Battery High Cut	1 Beep of 10Sec.
NO Load shutdown	1 Beep of 10Sec.
Short Circuit Overload shutdown	1 Beep of 10Sec. 1 Beep of 10Sec.
Low Battery Warning	10 Beeps of 1Sec. each
Mains MCB Trip	1 Beep of 10Sec.
Over Temperature	1 Beep of 10Sec.
Battery MCB Trip	1 Beep of 10Sec.
Temp. Sensor Failed	1 Beep of 10Sec.
Environ mental	
Operating Temperature	0-45 degreesC (32-113 degreesF)
Storage Temperature	0-45 degreesC (32-113 degreesF)
Humidity	0-95% RH non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/LUM-liCR48V-4000-Luminous-Icruze-Inverter-4000VA-48V-p-305238.php>

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