

INTELLIGENCE CAN TACKLE HEAVY WORKLOADS WITH EASE

Home and commercial establishments have higher power needs. Frequent power-cuts can hamper the overall performance of the appliances. **MAXMA** Higher KVA UPS offers high quality and reliable power back-up solution for running office and sensitive equipments.



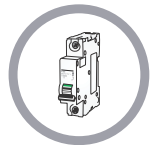
iCruze
3000VA

KEY FEATURES

- High over-load handling capacity
- Installation and maintenance friendly
- Advanced battery management which enhances battery life up to 70%
- Intelligent battery charging mechanism



PURE SINE
WAVE OUTPUT



MCB PROTECTION



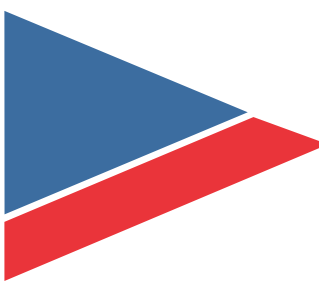
BY PASS
SWITCH



LCD
DISPLAY



SYNCHRONIZED
CHANGEOVER



Technical Specification

| Model | 3000VA | |
|-----------------|------------------------------------|---------------------------------|
| Input | <i>Regulated UPS mode</i> | |
| | Rated Voltage | 230V AC |
| | Undervoltage | 180±5V |
| | Undervoltage Restoration | 190±5V |
| | Overvoltage | 260±5V |
| | Overvoltage Restoration | 250±5V |
| | <i>Unregulated ECO mode</i> | |
| | Undervoltage | 110±10V |
| | Undervoltage Restoration | 120±10V |
| | Overvoltage | 280±10V |
| | Overvoltage Restoration | 270±10V |
| Output | Rated voltage (UPS Mode) | 220V AC |
| | Voltage (Mains Mode) | SAME AS INPUT |
| | Frequency (UPS Mode) | 50±1Hz |
| | Frequency (Mains Mode) | SAME AS INPUT (47-53 Hz) |
| | Overload | > 110% |
| | Transfer Time(typical a.s.) | < 20 ms. |
| | Load Performance Factor | 0.6 to 0.8 [#] |
| Battery | Capacity* | 60Ah-200Ah TUBULAR / FLAT / SMF |
| | Number of Battery | 2 |
| | Typical Recharge Time | 8-10 hours approx |
| | Battery Boost Volatge | 28.8V-29.4±0.5V |
| | Protection | LOW BATTERY |
| Physical | Net weight (Kg.) | 22.5 Kg approx |
| | Gross weight (Kg.) | 24.6 Kg approx |
| | Dimension (LxWxH)(mm) | 300x326x284 |

Technical Specification

| | | |
|---------------------------|----------------------------|---|
| 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" |
| | No Load | Displays "nld" |
| | Overtemperature | Displays "otp" |
| | Battery Low | Displays "Lbt" when batt. completely discharged |
| | Battery High Cut | Displays "btHI" When battery voltage > 35V |
| | Temp. Sensor Failed | Displays "Otp" When internal failure |
| | Battery Level Symbol | Displays battery level available |
| | 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 | Single Beep of 1Sec. |
| | Low Battery | 1 Beep of 5Sec. |
| | Battery High Cut | 1 Beep of 5Sec. |
| | NO Load shutdown | 1 Beep of 5Sec. |
| | Short Circuit | 1 Beep of 5Sec. |
| | Overload shutdown | 1 Beep of 5Sec. |
| | Low Battery Warning | 10 Beeps of 1Sec. each |
| | Over Temperature | Single Beep for 5Secs. |
| | Temp. Sensor Failed | Single Beep for 5Secs. |
| Environmental | Operating Temperature | 0-45°C (32-113°F) |
| | Storage Temperature | 0-45°C (32-113°F) |
| | Humidity | 0-95% RH non-condensing |

Due to continuous product improvement, the specifications are subject to change without notice.
For resistive load (in candescent bulb rated 250V AC) at optimum battery voltage.

***AC (Air Conditioner) Operating Mode :**

Unit works fine in Eco/UPS Mode for Inverter AC.

For Normal AC, unit to be used in UPS Mode only.

* TDR ON Time of iCruze 3.5KVA 36V is 60-120second and it can add additional 4 min. delay in AC startup during power failure.

- Recommended AC rating upto: 1 Ton.
- Recommended AC current upto: 9Aac.