



MicroLOGIX
Embedded Controls (P) Ltd.

Access Control Power Supply

Features

- Wide operating voltage
- Dual output for battery charger and Load
- High efficiency
- Choice of open or closed frame model
- Well protected outputs for high reliability
- Superior monitoring for battery protection

SPECIFICATIONS

Input

- Operating Voltage : 90 - 270V AC
- Supply Current : < 200mA
- Fuse Rating : 1Amp
- Frequency Range : 45 - 65Hz

Outputs

- Output for Card Reader & EM Lock: 12V DC \pm 2% @ 2A
- Battery Charger Output : 14V DC \pm 2% @ 0.5A
- Output for controller : 5V DC \pm 2% @ 1A
- Load Regulation (10% to 100%) : < \pm 1%
- Line Regulation (b/w 90-270V AC) : < \pm 1%
- Over Voltage Protection : 285 \pm 5V AC

Preferred product
of all major OEMs



Environmental

- Operating Temp. : Max. 55 °C
- Storage Temp. : 85 °C
- Humidity : 90% RH Max.
Non-condensing

Indications

- Mains ON - Green
- +12V - Yellow
- +5V - Green
- Battery Low - Red
- Battery Reverse - Red

General

- Input-Out Isolation : 3000V
- Switching Frequency : 132KHz
- Efficiency : Appx. 75%
- Battery Type : 12V / 7.2AH
- Size : 220x160x100mm
- Construction : Closed Frame
- Weight : Appx. 1.6 Kgs

Charger

- Charger Voltage : 14.2V DC
- Charger Current Limit : 0.5Amps
- Battery Low Cutoff : B/w 9.5 to 10VDC
- Fuse Rating : 3Amps

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