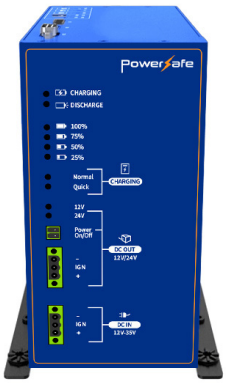
Industrial UPS

PowerSafe SCB-100

Industrial Power Backup Solution



Battery free PowerSafe UPS with Industrial-Grade Supercapacitors

Features

- 8x/8S Industrial 370 Farads Supercapacitors
- Up to 200W Max. Power Output
- 1 x COM, 1 x USB for GUI Remote Management and Monitoring
- 2 IN / 2 OUT DIO
- -25°C to 55°C Wide Operating Temperature
- EN50155: EN50121-3-2, CE, FCC Class A
- 3x Smart Modes with Remote On/Off, Ignition Control, Delay Time
- 12V/24V Compatibility: Industrial PCs, Panel PCs, Displays

Specifications

Power

Power Input	12 ~ 35 VDC 3-pin Terminal Block (V+, GND, IGN IN)
Power Output	DC OUT 12/24 VDC Charge mode: DC IN Voltage bypass (DC OUT = DC IN) Discharge mode: 12V or 24V 3-pin Terminal Block (V+, GND) Max.100W output
Capacity	8x 370 Farads Supercapacitors
Charging Mode	Quick and Normal Charging
Power Ignition	Power Ignition Management
Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) Reverse Protection

I/O Connector

COM	1 x RS-232
DIO	2 x DI / 2 x DO
USB	1 x USB Type A
Others	1 x Remote Power On/Off 1 x Smart Mode Switch 1 x Mode Reset Switch

Environment

Operating Temperature	-25°C to 55°C
Storage Temperature	-30°C to 85°C
Humidity	10% to 95% (non-condensing)
Vibration	5 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	20G, half sine, 11ms

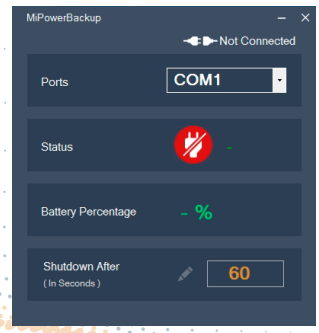
Certification Information (in Process)

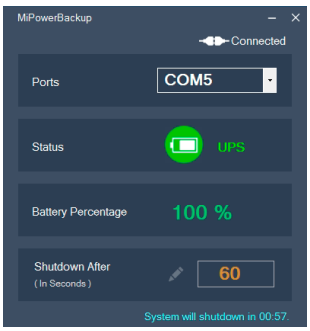
Certification	CE, FCC Class A EMC Conformity with EN50155, EN50121-3-2

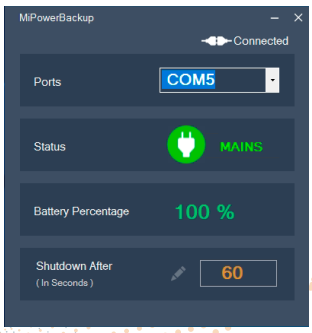
Physical

Mounting	Wall Mounting, DIN Rail Mounting (Optional)
Chassis	Heavy Duty Metal
Dimensions(W x H x D) (mm)	100 X 192 X 192
Net Weight	1.8 kg

Backup Management Software Tool : MiPowerBackup







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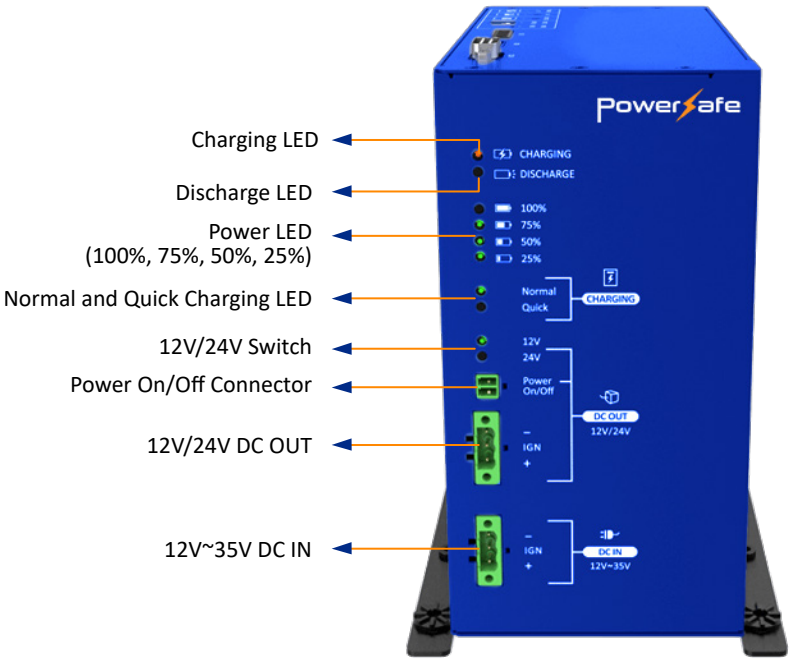
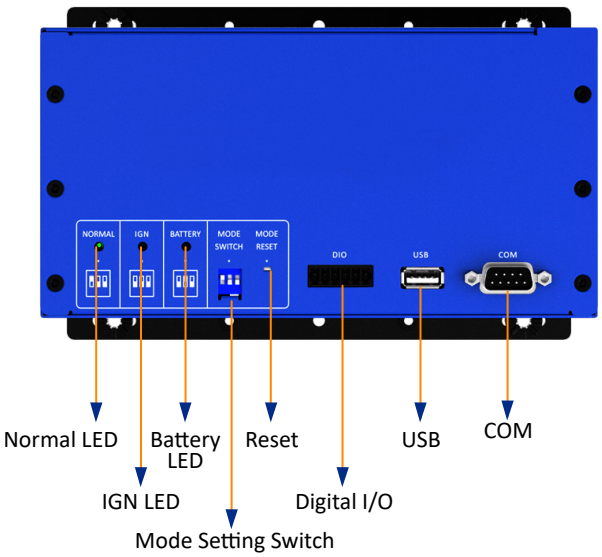
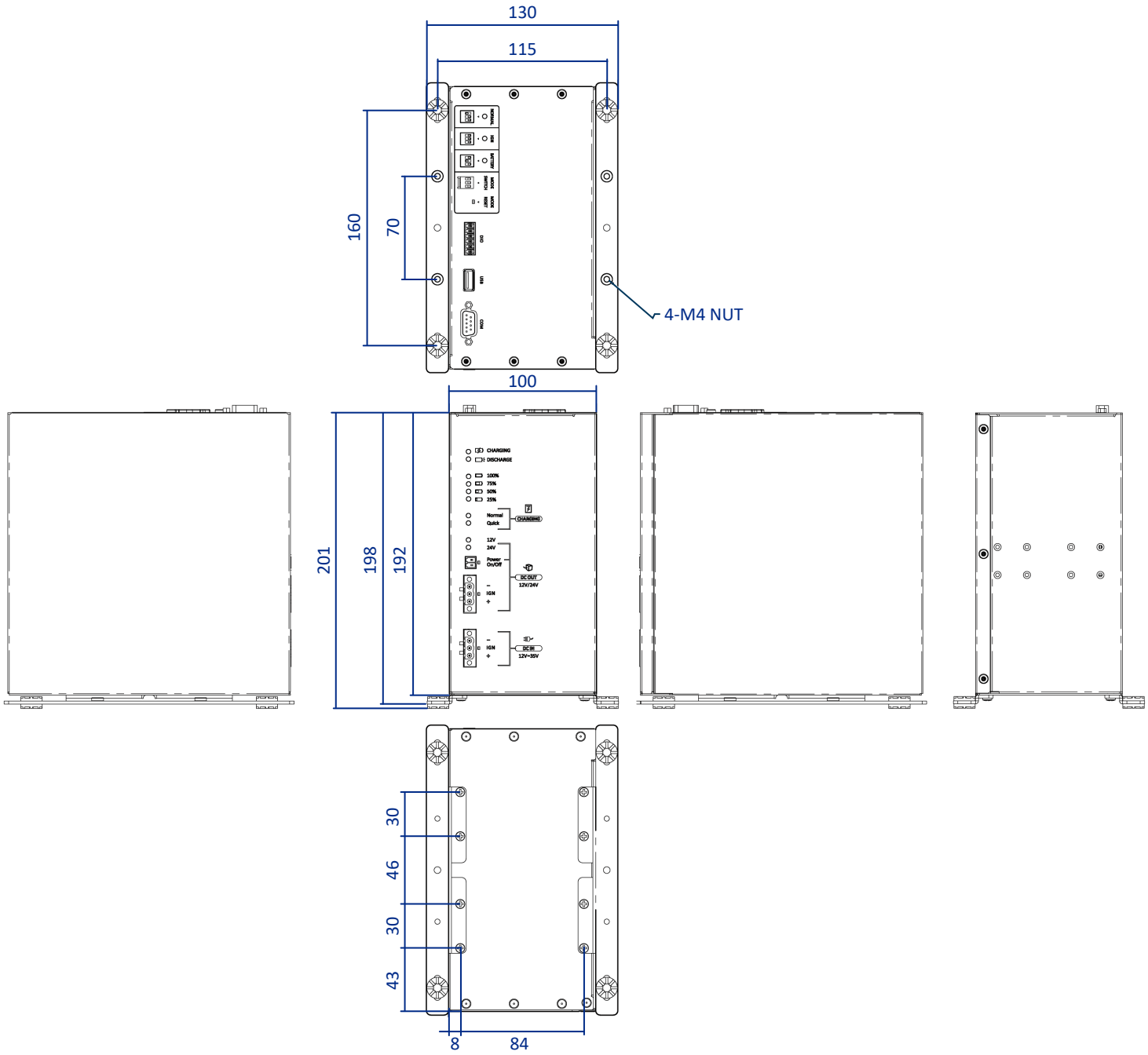
Product Front I/O View



Product Top I/O View



Mechanical Drawings (Unit = mm)



Ordering Codes

Model Number	Description
PowerSafe SCB-100	EDGEBoost power backup system with 8S Industrial-Grade Supercapacitors, DC IN 12 ~ 35 VDC, DC OUT 12/24 VDC

All product specifications are subject to change without notice.

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