



SCP CUBE MK2

New-Generation Supercapacitor Industrial Power Backup Solution



Features

- Designed for industrial box PC & panel PC
- Maintenance free supercapacitors
- Safe and reliable; no danger of fire or explosion
- No danger of overcharging
- Fully discharged for safety
- Environmentally friendly without hazardous materials
- Wide operating temperature range (-20°C to 70°C)
- Multi-function control utility
- Support power ignition control
- Support automatic output power switch control

System

Chip High current supercap backup controller

Supercapacitor

Capacity 400 Farads / each

Power Requirement

Power Input DC 12~35V input support

Power Output DC 12V / 24V output with switch support
Max. 120W

I/O

Power In 1 x 3-pin terminal block

Power Out 1 x 3-pin terminal block

Switch 1 x slide switch for power output control

USB 1 x Type-A connector

COM 1 x COM with RS-232

Signal In/Out* 1 x 8-pin terminal block

Environmental

Operating Temp. -20°C ~ 70°C (-4°F ~ 140°F)

Storage Temp. -30°C ~ 80°C (-22°F ~ 158°F)

Operating Humidity 10 ~ 95% RH @ 60°C (non-condensing)

Vibration 0.5 Grms/5~500Hz/random operation

Shock Operating 10G (11ms), Non-operating 30G

Qualification

Certification CE, FCC Class A

Mechanical

Mounting Din Rail Mount with Bracket

Chassis Din Rail-mounting chassis, and SGCC steel chassis

Weight 2.2 kg (4.85lb)

Dimensions (W x H x D) 100 X 150 X 187.4 mm (3.94" x 5.91" x 7.38")

OS Support

Windows 7/10

Ordering Information

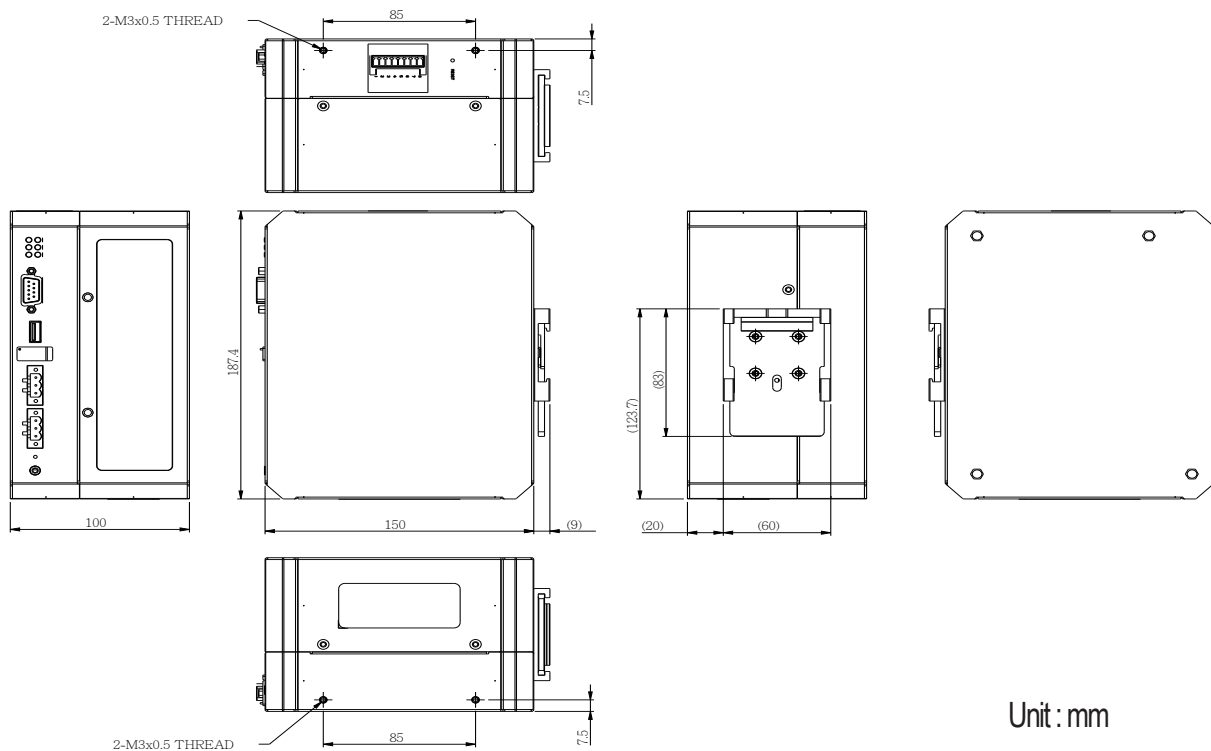
SCP-43-MK2 4S3P supercap power backup system MK2

SCP-41-MK2 4S1P supercap power backup system MK2

Note: 1. To download USB-to-COM driver and SCP Cube Utility, please visit ARBOR website and locate the driver page of the SCP Cube.
2. The automatic output power switch control and power ignition control function depends on your device's configuration.
3. Signal in/out includes ignition in/out signal and remote power switch signal, which may include but is not limited to the above mentioned.

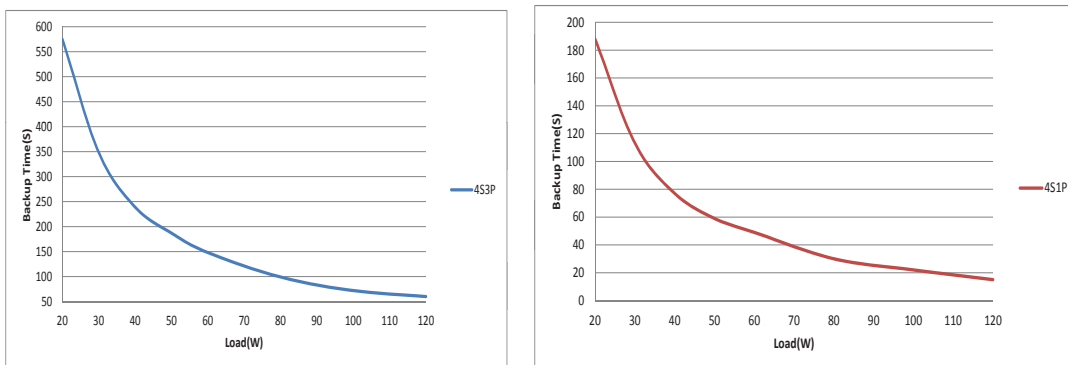


Dimensions



Unit : mm

Backup Time vs Load Chart



Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660