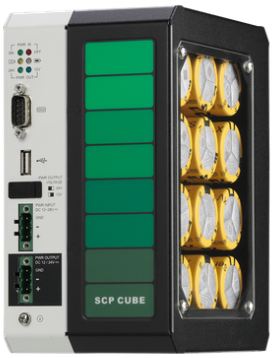
SCP-41 CUBE

Next-Gen supercapacitor for industrial power backup

BRESSNER
A HIPER Global Company

Features

- Supercapacitor for industrial backup power supply
- Suitable for industrial box PCs and panel PCs
- Maintenance-free supercapacitor
- No risk of overcharging
- Operating temperature: -20 °C ~ 70 °C



SCP-41 CUBE: Reliable Next-Gen supercapacitor-based industrial power supply backup solution

With the SCP-41 CUBE, ARBOR Technology presents an innovative solution for the power supply of industrial box PCs and panel PCs. This system relies on maintenance-free supercapacitors that provide safe and reliable power backup without the risk of fire or explosion. The product ensures controlled charging and discharging, eliminating the risk of overcharging.

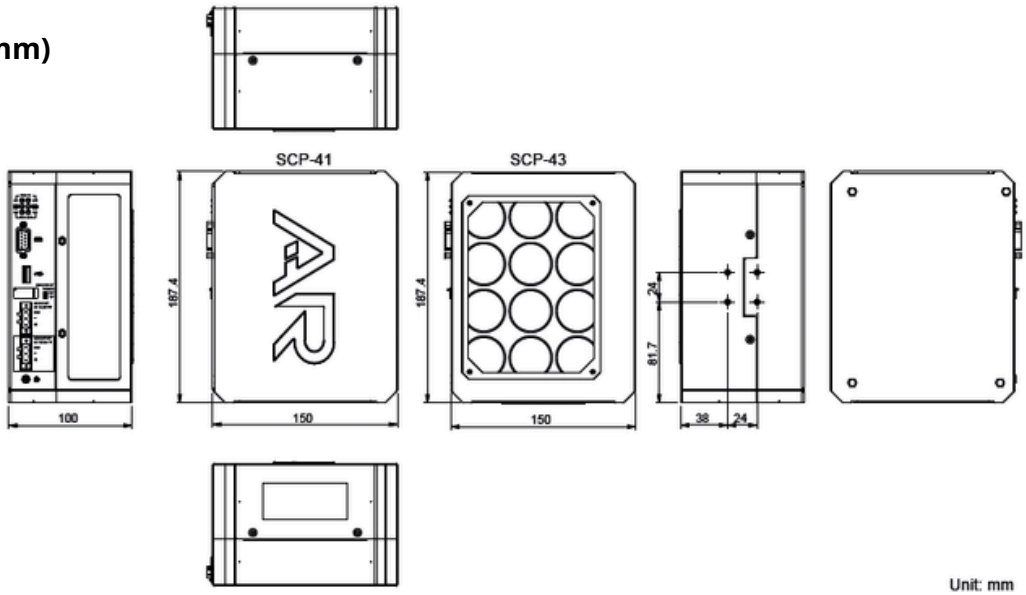
Safe and environmentally friendly technology

The SCP-41 CUBE eliminates the risk of overcharging and offers a complete discharge function for maximum safety. By using environmentally friendly materials without hazardous substances, this product meets the highest standards for environmental protection.

Versatile and adaptable

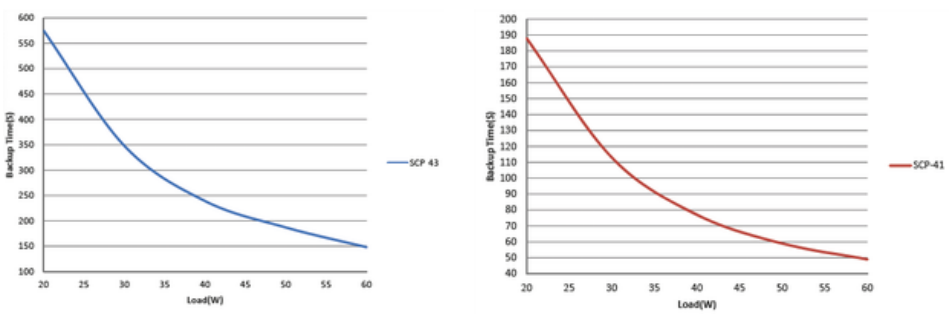
The system is designed for a wide temperature range from -20°C to 70°C and can therefore be used in various industrial environments. The multifunctional control software allows easy customization and monitoring of the power supply according to specific requirements.

Dimension (in mm)



Unit: mm

Backup Time vs Load Chart



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Specifications	SCP-41 CUBE
SYSTEM	
Chip	High Current Super CAP Backup Controller
Supercapacitor Capacity	400 Farads / each
Operating System	Windows 7 Windows 10
POWER REQUIREMENT	
Power Input	DC 12~28V input support
Power Output	DC 12V / 24V output with switch support, max. 60W
INTERFACE	
Power Input	1x 3-pin terminal block
Power Output	1x 3-pin terminal block
Switch for Power Output	1x Slide switch
USB	1x Type-A connector
COM	1x COM with RS-232
ENVIRONMENTAL	
Chassis	DIN rail-mounting chassis and SGCC steel chassis
Operating Temperature	-20°C ~ 70°C
Storage Temperature	-30˚C ~ 80˚C
Vibration / Shock Resistance	Vibration: 0.5 Grms / 5~500Hz / random operation Shocks: during operation 10G (11ms) in non-operation 30G
Humidity	10 ~95% @ 60°C, non-condensing
Dimensions	100 (W) x 150 (H) x 187.4 (D) mm
Weight	2.2 kg
Mounting	DIN rail-mounting with bracket
Certification	CE, FCC Class A

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Ordering Information	SCP CUBE
MODEL NO.	
SCP-43	4S3P supercap power backup system
SCP-41	4S1P supercap power backup system