



SCP CUBE

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

System

Chip	High current supercap backup controller
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Supercapacitor

Capacity	400 Farads / each
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Power Requirement

Power Input	DC 12~28V input support
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Power Output	DC 12V / 24V output with switch support
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I/O

Power In	1 x 3-pin terminal block
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Power Out	1 x 3-pin terminal block
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Switch	1 x slide switch for power output control
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USB	1 x Type-A connector
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COM	1 x COM with RS-232
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Environmental

Operating Temp.	-20°C ~ 70°C (-4°F ~ 140°F)
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Storage Temp.	-30°C ~ 80°C (-22°F ~ 158°F)
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Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
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Vibration	0.5 Grms/5~500Hz/random operation (w/ CFast/SSD)
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Shock	Operating 10G (11ms), Non-operating 30G
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Mechanical

Mounting	Din Rail Mount with Bracket
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Chassis	Din Rail-mounting chassis, and SGCC steel chassis
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Weight	2.2 kg (4.85lb)
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Dimensions (W x H x D)	100 X 150 X 187.4 mm (3.94" x 5.91" x 7.38")
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OS Support

Windows	
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Ordering Information

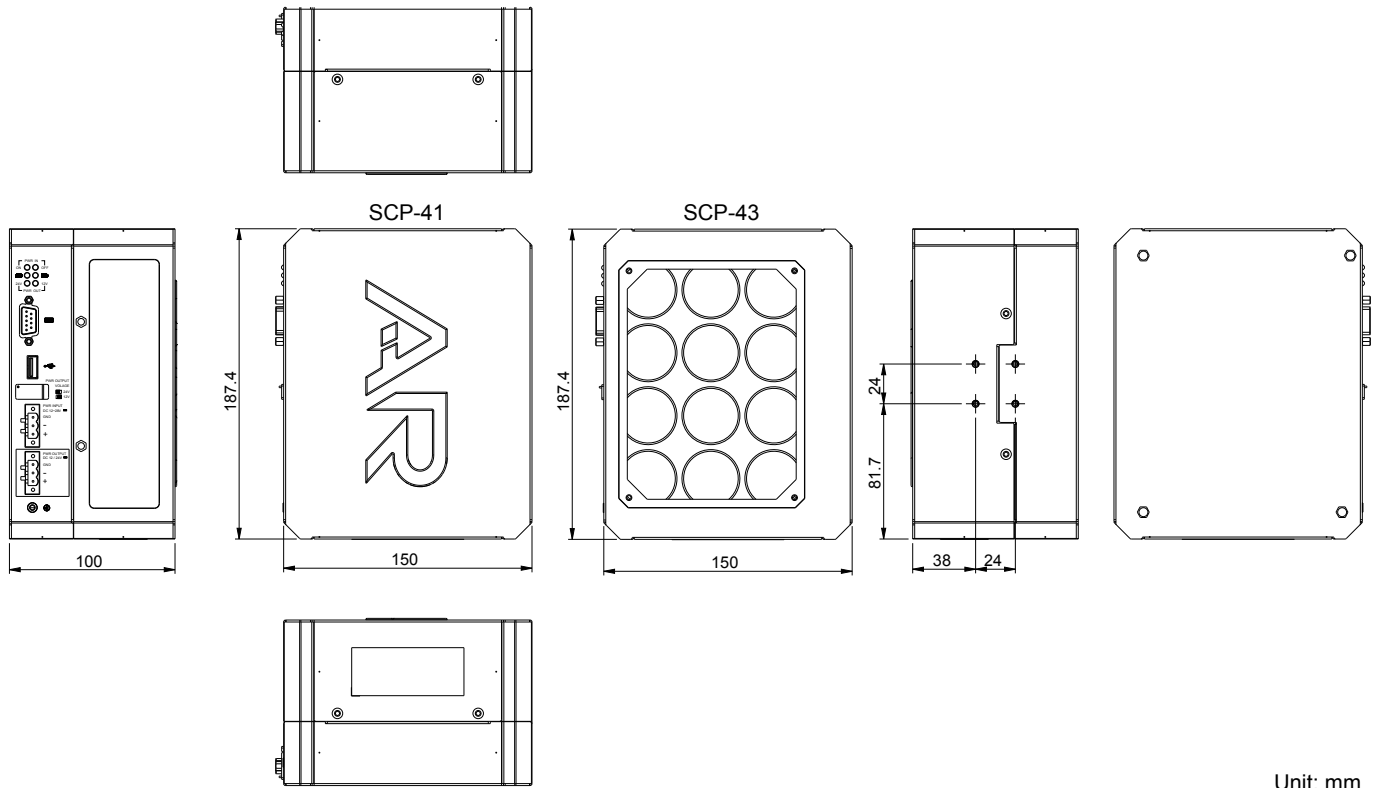
SCP-43	4S3P supercap power backup system
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SCP-41	4S1P supercap power backup system
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Note: To download USB-to-COM driver and SCP Cube Utility, please visit ARBOR website and locate the driver page of the SCP Cube.



Dimensions



Unit: mm

Backup Time vs Load Chart

