

PowerForma

24V 5.13KWh

Graphene Supercapacitor
Rack Mount
Cold Temp Environments



Product Specifications

| | |
|---------------------------|--------------------------------|
| Part Number | SCE24V5130CLDR23 |
| Nominal Voltage | 25.6 V/DC |
| Cell Type | Graphene Supercapacitor |
| KWh | 5.37 KWh |
| Amp-hours | 210 |
| Max Charge Voltage | 28.8 V/DC |
| Cutoff Voltage | 20.8 V/DC |
| ESR/AC @1KHz | <30mΩ |
| Max Charge Current | 200 A |
| Max Discharge Current | 800 A |
| Cells Self-discharge Rate | 2% per month |
| Cycle Life | 20,000 |
| Recommended SOC Range | 10%~98% |
| Max Depth of Discharge | 100% |
| Round Trip Efficiency | 97% |
| Monitoring Data | Module Voltage, SOC, Cell Temp |
| Indicator Light Display | Capacity % |
| Communication | RS485 |
| Series Connection | Not Permitted |
| Parallel Connection | Unlimited |

Compliance Information

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|------------------------|--|
| Certificates Compliant | CE:EN 62133:2013, EN 55032:2015+AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013 |
|------------------------|--|

Environmental Information

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|-----------------------|-------------------------|
| Discharge Temperature | -40°C~+60°C |
| Charge Temperature | -20°C~+60°C |
| Cooling Method | Natural cooling |
| Operating Humidity | 0~90% RH Non-condensing |
| IP Grade | IP55 |

Mechanical Specifications

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|------------------------|----------------------|
| Weight | 53 Kg |
| Dimensions (W x D x H) | 535 x 530 x 155 (mm) |