

RHEA-I660A

Supercapacitor backup board



Features

- » Six 3.0V/600F supercapacitors
- » 12/19/24 VDC Adaptive input/output.
- » Maximum 150W load 2.7V@30°C lasting 60 sec
- » The standard 60W load 2.7V@30°C lasting 160 sec
- » -40°C to 60°C wide temperature environment
- » 500,000 charge-discharge life cycles
- » Long supercapacitor lifetime, up to 10 years
- » Intuitive power management software for easier management
- » Provide power-off shutdown service through software/hardware

Specifications

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|-----------------------|--|
| Environment | |
| Operating Temperature | -40°C ~ 60°C |
| Storage Temperature | -40°C ~ 70°C |
| Input | |
| Voltage | 12V or 19V or 24V ±10% |
| Output | |
| Voltage | 12V or 19V or 24V ±10% |
| General | |
| Watt | 150W |
| Dimensions | 166 x 90.5 x 82.6 (mm) |
| Output Connector | 1 x LED display interface (2x10 Pin) |
| | 1 x DC in (2x2 Pin) |
| | 1 x DC out (2x2 Pin) |
| | 1 x relay (1x6 Pin) |
| | 1 x USB2.0 Type-A |
| | 1 x Debug (1x3 Pin) |
| | 1 x FW flash (2x7 Pin) |
| | 2 x Power btn (1x2 Pin) |
| Key Features | |
| Key Features | » Super Capacitor (6 x 600F@3V) |
| | » Service life >10 years (when the capacitor works at 3V and 25 temperature) |
| | » 500,000 charge and discharge cycles |
| | » Backup time: |
| | 60 sec. (under 150W load at 2.7V@30°C) |
| | 160 sec. (under 60W load at 2.7V@30°C) |

Ordering Information

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| RHEA-I660A-R10 | 150W DC/DC Supercapacitor backup board, 12/19/24V Input and Output, 6 x 600F@3V Supercapacitor, with L-shaped holder, Internal |
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Packing List

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| 1 x USB Cable (Type-A to Type-A 500mm, P/N: 32001-006105-200-RS) | 1 x LED Cable (Header 2*10P P=1.27 Female *2, 200mm, P/N: 32133-038600-100-RS) |
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