

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

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

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

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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