

# RHEA-I512A

Supercapacitor backup board



## Features

- » Five 3.0V/120F supercapacitors
- » 12-28V DC Input / 12V DC Output
- » Maximum 45W load 2.5V@30°C lasting 25 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 ~ 60°C
Storage Temperature	-40 ~ 70°C
Input	
Voltage	12-28V DC
Output	
Voltage	12V DC
General	
Watt	45W
Dimensions	81 x 135 x 25.6
Output Connector	1 x DC in (2x2 Pin)
	1 x DC out (2x2 Pin)
	1 x USB2.0 (1x4 Pin)
	1 x Debug (1x3 Pin)
	1 x FW flash (2x7 Pin)
	1 x Power button (1x2 Pin)
Weight	
Weight	0.22kg

## Ordering Information

RHEA-I512A-R10	45W DC/DC Supercapacitor backup board, 12-28V Input, 12V Output, 5x 120F@3V Supercapacitor, Internal
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