

## RHEA-I420A

Supercapacitor backup board



## Features

- » Four 3.0V/200F supercapacitors
- » 12-28V DC Input / 12V DC Output
- » Maximum 60W load 2.5V@30°C lasting 20 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               | 12-28V DC                  |
| Output                |                            |
| Voltage               | 12V DC                     |
| General               |                            |
| Watt                  | 60W                        |
| Dimensions            | 81 x 135 x 33.6            |
| 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                | 0.25kg                     |

## Ordering Information

|                |                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------|
| RHEA-I420A-R10 | 60W DC/DC Supercapacitor backup board, 12-28V Input, 12V Output, 4x 200F@3V Supercapacitor, Internal |
|----------------|------------------------------------------------------------------------------------------------------|