



EPM-1715

Supercapacitor UPS Module

- > 500'000 Charge & Discharge Cycling
- > 4 x 400F Supercapacitor up to 8-Cell.
- > AP for the Parameter Selecting
- > Wide Temperature Range: 0 °C ~ +60 °C
- > Wide DC Input: +12~24Vdc
- > Over Temperature Protection
- > Applications:
 - Industrial Computers (IPC)
 - Embedded Servers
 - Car PCs/ Vehicle
 - Slot PCs
 - Automation Systems

+ Spec

DC In / Out Connector

Input Power Connector	DC Jack 3-pin 2.5mm on board
Output Power Connector (DC-12V)	AT 2Px2 Power connector with power cable, follows ATX 2*2 +12V power pin assignment

DC In/Out Characteristics

Power Type	AT
Super capacitor Capacitance	400F (-5% to +10% (20°C))
Rated Output Power	60W total output
Maximum Output Power	80W total output
Input Voltage Range	12V ~ 24V
Output Voltage Range	+12V ±5%
Maximum Output Current (DC-12V)	6.7A
Output Ripple & Noise Range	+12V: 100mVpp
Super-Cap Cells Life Time	@2.5V 65°C is about 8000 hours, @2.5V 50°C is about 14000 hours

Mechanical & Environmental

Operating Temperature	0 ~ +60°C
Storage Temperature	-40 ~ +75°C
Operating Humidity	0 ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	4cell: 160mmx74mmx70mm 6cell/8cell: 160mmx148mmx70mm

Ordering Information

Ordering Information	EPM-1715A-A1R Supercapacitor Power Module 4cell
	EPM-1715C-A1R Supercapacitor Power Module 8cell