

SUPER PULSE CAPACITORS – SPC SERIES – UPDATE



The EVE design and production of the super pulse capacitor **EVE-SPC** is a momentary high-current discharge energy storage devices can be achieved within a temperature range of -40°C to +85°C pulse discharge.

The **EVE-ES** pulse power are long life lithium batteries and super pulse capacitor in parallel with the power system. It is the ideal power source for long-term standby and high-current pulse applications.

In terms of design, EVE uses a unique safety valve and sealing, to ensure power supply in the use of process safety and reliability.

KEY FEATURES

- » High and stable voltage 3.6V (optional 3.9V)
- » High pulse current capability
- » No passivation effects
- » Wide temperature range (-40°C to +85°C)
- » Very low self discharge (less than 2% per year)
- » End of life indication capability
- » Light weight
- » Safe design (Anti-explosion valve device)

APPLICATIONS

- » Utility meters
- » GPS tracking devices / GSM modems
- » Asset, Container & Cargo tracking
- » RFID transponders
- » Sonar buoys
- » Data Loggers
- » Communication equipment
- » Emergency & Medical devices

SPECIFICATIONS

	MODEL	SYSTEM PACK	NOMINAL CAPACITY	NOMINAL DISCHARGE CURRENT [mA]	MAX. CHARGING CURRENT [mA]	DIMENSIONS [mm]
Super Pulse Capacitors SPC Series						
	SPC0920		30 As@3.67 V 45 As@3.90 V	150	6	9.0 × 21.0
	SPC1520		140 As	500	50	15.0 × 20.5
	SPC1530		250 As@3.67 V 380 As@3.90 V	750	50	15.1 × 26.7
	SPC1550		560 As	2000	100	15.0 × 50.5
NEW	PLM1550		1620 As	250	100	15.0 × 50.5
ES Power System Packs						
	ES141520	SPC1520+ER14xxx	2400 mAh	2		16.5 × 75.0
	ES261520	SPC1520+ER26xxx	8500 mAh	3		29.0 × 67.0
	ES341520	SPC1520+ER34xxx	19000 mAh	4		34.0 × 78.0
	ES141550	SPC1550+ER14xxx	2400 mAh	2		55.0 × 32.0 × 16.0
	ES261550	SPC1550+ER26500	8500 mAh	3		55.0 × 44.0 × 28.0
	ES341550	SPC1550+ER34615	19000 mAh	4		64.0 × 50.0 × 35.0