

## XTM-18 and XVM-16 Supercapacitor modules



# Compact and maintenance free supercapacitor modules offering long lifetimes



The XTM-18 and XVM-16 supercapacitor modules are compact and easy to install

### Product description

Eaton's XTM-18 and XVM-16 supercapacitor modules provide energy storage for high-power, high charge/discharge applications such as material handling systems, warehouse automation machines, small engine starting and wind turbines.

The XTM-18 and XVM-16 modules can reduce the size and weight of batteries or replace them altogether, depending on the load requirements of the application. The modules also help provide higher energy efficiency, noise reduction, and high-reliability power delivery under a broad range of temperature conditions.

### Features and benefits:

- High power density for larger, rapid bursts of power
- Highest voltage and energy density in a compact footprint
- Industry leading ESR and ultra-long life
- Easy configuration through highly modular design and wiring installation
- Maintenance-free operation with integrated cell voltage balancing; no external battery management system required



These supercapacitor modules are self-contained energy storage devices comprised of 6 individual XT or XV supercapacitor cells

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## Specifications

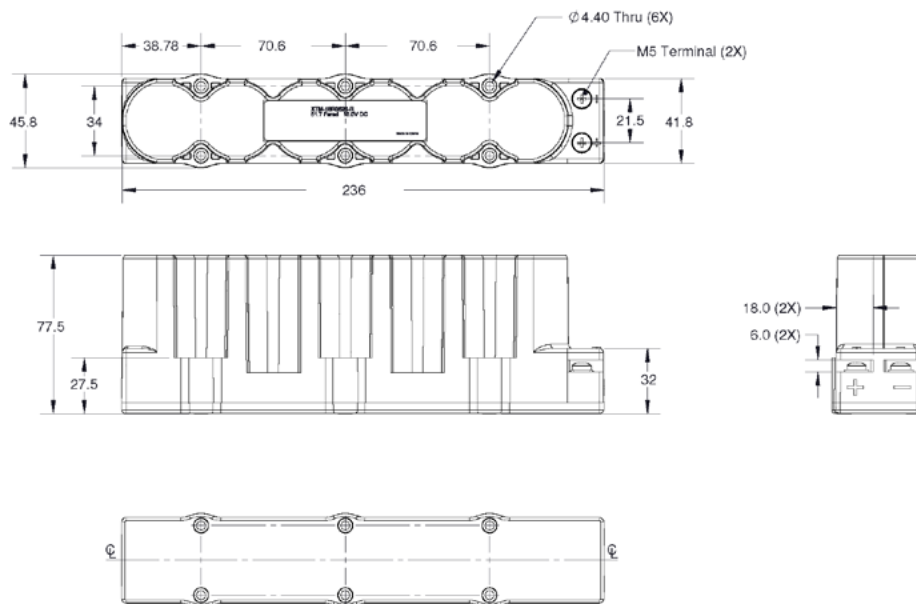
Capacitance (F)	Part number	Maximum working voltage (V)	Maximum initial ESR (mΩ)	Leakage current (mA)	Stored energy (Wh)	Peak power (kW)	Pulse current (A)	Continuous current (A)
61.7	XTM-18R0626-R	18.0	22	26	2.8	3.7	235.6	20
65	XVM-16R2656-R	16.2	22	23	2.4	3.0	216.7	20

Operating temperature range	-40 °C to +65 °C (can be expanded up to +85 °C with additional voltage derating)
Operating life	Up to 20 years*
Shock and vibrations	MIL-STD-202G (cells)
Environmental	RoHS, Halogen Free

\*Supercapacitor lifetimes vary based on charge voltage and temperature. See Eaton's application guidelines or contact your local Eaton sales representative for more information on lifetime estimates

## Dimensions (mm)

H (max)	L (max)	W (max)	Weight (kg)
78	236	46	0.75



Material handling



Industrial automation / Back-up power



Wind turbine pitch control

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