



**Description**

Cooper Bussmann PowerStor supercapacitors are unique, ultra-high capacitance devices utilizing electrochemical double layer capacitor (EDLC) construction combined with new, high performance materials. This combination of advanced technologies allows Cooper Bussmann to offer a wide variety of capacitor solutions tailored to specific applications that range from a few micro-amps for several days to several amps for a few milliseconds.

**Features & Benefits**

- High Power Density
- High Energy Density
- Long Cycle Life
- Voltage & Temperature Monitoring
- Active cell balancing

**Applications**

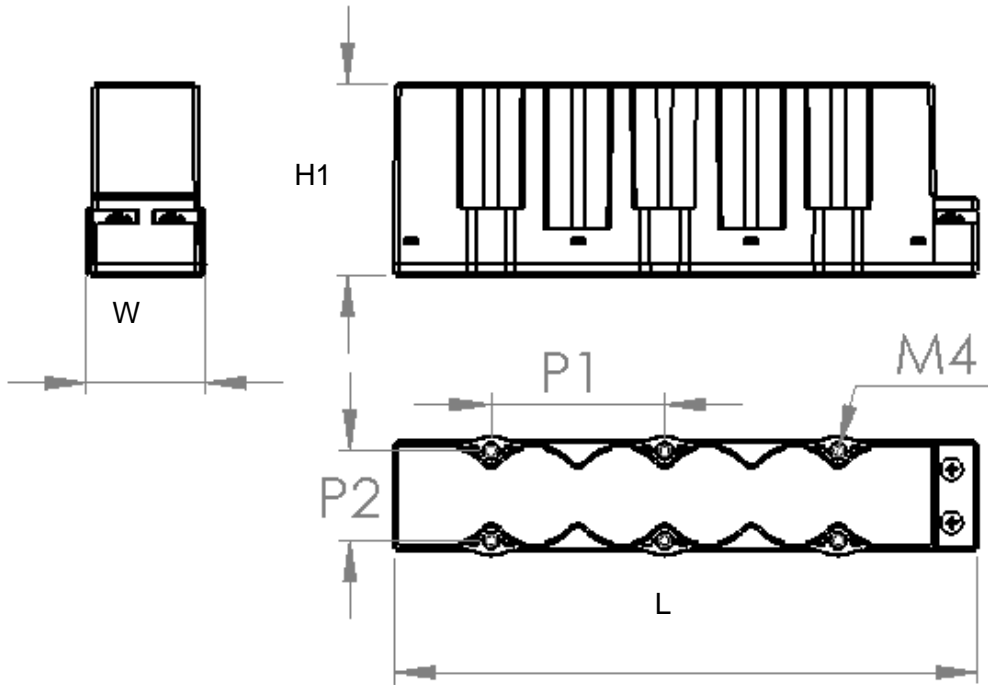
- Heavy Duty Transportation
- Utility Vehicles
- Hybrid Systems
- Industrial / Material handling
- UPS / Telecom
- Renewable Energy Systems
- Load Leveling

SPECIFICATIONS	
Working Voltage	16 volts
Surge Voltage	17 volts
Capacitance	65F
Capacitance Tolerance	0% to +20% (20°C)
Operating	-40°C to 65°C

STANDARD PRODUCT							
Capacitance (F)	Part Number	Maximum DC ESR (mΩ)	Maximum Continuous Current (A)	Maximum Leakage Current (mA)	Max Power (KW)	Stored Energy (KWh)	Typical Mass (Kg)
65	XVM-16R0656-R	22	20	2	11.6	8.3	TBD

PERFORMANCE		
Parameter	Capacitance Change (% of initial measured value)	ESR (% of initial measured value)
Life (1000 hrs @ 65°C @ 16 volts DC)	≤ 20 %	≤ 200 %
Storage - Low and High Temperature (1000 hrs @ -40°C and 70°C)	≤ 20 %	≤ 200 %

DIMENSIONS (mm)							
Part Number	L	W	H1	P1	P2	+ Terminal	- Terminal
XVM-16R0656-R	236	48	77.25	70	36	M5	M5



PACKAGING INFORMATION	PART MARKING
Packaging TBD	Manufacturer Capacitance (F) Nominal Working Voltage (V) Series Code (or part number) Polarity Marking