

Specifications

Eaton XVM-16R2656-R

Eaton XVM Supercapacitor, Capacitance 65 F, 16.2 V, 22 mΩ ESR, Module, Passive Balance



General specifications

PRODUCT NAME	Eaton XVM supercapacitor module
CATALOG NUMBER	XVM-16R2656-R
UPC	051712485838
PRODUCT LENGTH/DEPTH	236 mm
PRODUCT HEIGHT	45.8 mm
PRODUCT WIDTH	78 mm
PRODUCT WEIGHT	0.75 kg
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized

Product specifications	
TYPE	Ruggedized
PACKING	Bulk
SIZE	236 x 45.8 x 77.5 mm
TERMINALS	Female, M5
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	22 mΩ
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	XVM
MAX VOLTAGE	16.2 V
CAPACITANCE	65 F
LEAKAGE	23 mA
THERMAL RESISTANCE	1.5 °C/W
ENERGY	7873.2 J
POWER	3 kW
PEAK CURRENT (1 SEC)	217 A
CONTINUOUS CURRENT (15 °C RISE)	20 A
CAPACITANCE END OF LIFE RATING	80%
ESR END OF LIFE RATING	200%
GRADE	Industrial

Resources	
APPLICATION NOTES	Supercapacitors for marine applications
BROCHURES	XTM-18 and XVM-16 product aid Eaton supercapacitors deliver reliable power for warehouse automation (PCN15011m) Shipping box and external and internal label update
PRODUCT NOTIFICATIONS	(PCN16044) Supercapacitors definition of the -R part number suffix change Logo and branding changes
SPECIFICATIONS AND DATASHEETS	Eaton XVM supercapacitor data sheet Eaton Specification Sheet - XVM-16R2656-R

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:

