

Specifications



Photo is representative



Eaton XLR-18R0507B-R

Capacitor Module, 18.0V, 500F, 1.7mohm, AB

General specifications

PRODUCT NAME	Eaton XLR-LV supercapacitor module
CATALOG NUMBER	XLR-18R0507B-R
UPC	197162019374
PRODUCT LENGTH/DEPTH	416.2 mm
PRODUCT HEIGHT	176 mm
PRODUCT WIDTH	68 mm
PRODUCT WEIGHT	5.7 kg
COMPLIANCES	RoHS Compliant

Product specifications	
SPECIAL FEATURES	Temperature sensor, OV signal
TYPE	Ruggedized
PACKING	Single unit
SIZE	417 x 68 x 177 mm
TERMINALS	Female, M8/M10
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	1.7 mΩ
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	XLR-LV
MAX VOLTAGE	18 V
CAPACITANCE	500 F
LEAKAGE	8 mA
THERMAL RESISTANCE	0.6 °C/W
ENERGY	82800 J
POWER	47.6 kW
PEAK CURRENT (1 SEC)	2430 A
CONTINUOUS CURRENT (15 °C RISE)	121 A
CAPACITANCE END OF LIFE RATING	80%
ESR END OF LIFE RATING	200%
GRADE	Industrial

Resources	
APPLICATION NOTES	Supercapacitors for marine applications
BROCHURES	Supercapacitors deliver reliable power for generator starting Ruggedized, dependable, high power density, long-life supercapacitor modules
INSTALLATION INSTRUCTIONS	XLR-LV Instruction manual
SPECIFICATIONS AND DATASHEETS	XLR-LV Supercapacitor module data sheet
WHITE PAPERS	How supercapacitors address modern electrical supply challenges

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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