

PowerForma

12V 1.92KWh

Graphene Supercapacitor
Marine/RV



Product Specifications

Part Number	SCE12V1920-MRV
Nominal Voltage	12.8 V/DC
Cell Type	Graphene Supercapacitor
KWh	1.92 KWh
Amp-hours	150
Max Charge Voltage	14.6 V/DC
Cutoff Voltage	10.0 V/DC
ESR/AC @1KHz	<5mΩ
Max Charge Current	60 A
Max Discharge Current	600 A
Cells Self-discharge Rate	2% per month
Cycle Life	20,000
Recommended SOC Range	5%~98%
Max Depth of Discharge	100%
Round Trip Efficiency	95%
Monitoring Data	Module Voltage, SOC, Cell Temp
Indicator Light Display	N/A
Communication	Bluetooth
Series Connection	Not Permitted
Parallel Connection	Unlimited

Compliance Information

Certificates Compliant	CE:EN 62133:2013, EN 55032:2015+AC:2016, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013
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Environmental Information

Discharge Temperature	-20°C~+60°C
Charge Temperature	0°C~+55°C
Cooling Method	Natural cooling
Operating Humidity	0~90% RH Non-condensing
IP Grade	IP65

Mechanical Specifications

Weight	16 Kg
Dimensions (W x D x H)	330 x 173 x 240 mm