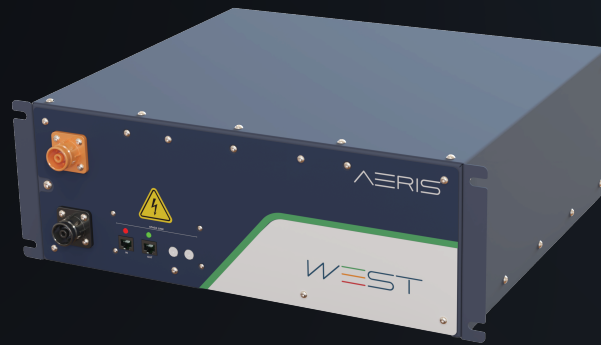


ENVOY

MEDIUM VOLTAGE SERIES



The WEST Envoy Series utilizes our advanced Optimized Supercapacitor storage technology. Benefits include negligible degradation over lifetime, ultra fast charge and discharge, no thermal runaway hazard, simple operation, practically unlimited cycles, -40°C to 65°C operating temperature and 97% round trip efficiency.

The Envoy Series is specifically designed to be used in a wide range of applications, including solar, backup, grid-storage and much more.

West Envoy Series is the ultimate choice in contemporary storage technologies.

45 year
Design Life

20 year
Warranty

Remote
Monitoring



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OPTIMIZED SUPERCAPACITOR ENERGY STORAGE

Ultra long cycle and operational life (45 years design life)

Fast charge and discharge

Temperature stability – no thermal runaway

Wider operating temperature range compared to other storage technologies

99.1% capacitor RTE, >97% module RTE

Safer energy storage

COMPLETE SYSTEM MONITORING

Complete system monitoring with WEST's user friendly apps

Easy setup using WEST configuration tools

20 YEAR WARRANTY¹

GENERAL

Module (kWh/V)	3.3 kWh, 53.6 V
Number of modules	16
Cell technology	Optimized Supercapacitor
Rack usable energy	52.8 kWh
Nominal voltage	800 V
Operating voltage	736 V-857.6 V
Maximum continuous current	100A

COMMUNICATION

Inverter interface	RS485 / CAN
Display	HV / Charge / Contactor / Alarm state LED Indicators
External Communication	Ethernet / Wi-Fi / Bluetooth-LE
User interface	WEST BMS App for iOS and Android

SPECIFICATIONS

Dimensions (mm) WxDxH	1620 x 760 x 2060
Dimensions (In) WxDxH	63.78 x 29.92 x 81.1
Total Weight	1515 kg (3340 lbs)
Rack Weight	355 kg (782.64 lbs)
Module Weight (Individual)	72.5 kg (159.84 lbs)
Operating temperature	-40 to 65°C (-40 to 149°F)
Environmental humidity	Non-condensing
Protection rating	IP20
Cycle life / Warranty	5x Lithium / 20 Year Warranty ¹
Scalability	Yes
Application	ON Grid / ON Grid + Backup / OFF grid

SAFETY

Cell Compliance	IEC 62619, UL 810A
Module Compliance	IEC 62619

1) Please refer to the Warranty Document for applicable conditions.
For more information, please contact us at info@wright.energy