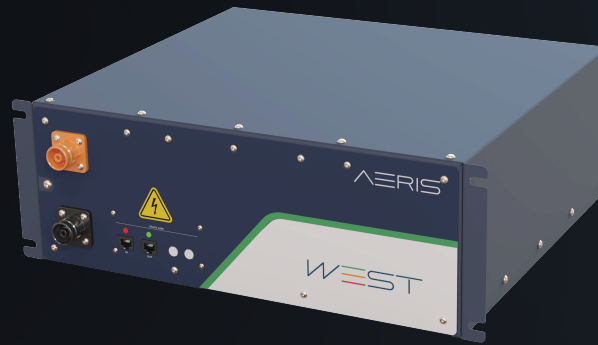


ENVoy

SERIES 10

UNINTERRUPTED POWER, PURPOSE-BUILT FOR
DATA CENTERS



The WEST Envoy Series 10 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 10 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

10 year
Warranty

Remote
Monitoring



wright.energy



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, >94% module RTE

Safer energy storage

COMPLETE SYSTEM MONITORING

Complete system monitoring with WEST's user friendly apps

Easy setup using WEST configuration tools

10 YEAR WARRANTY¹

GENERAL

C-Rate	5C
Module (kWh/V)	1.78 kWh
Max Charging Voltage	53.6 V
Number of modules	10
Rack Usable Energy	17.8
Normal Voltage	480 V
Charge Voltage	536 V
End Of Discharge Voltage	380 V
Maximum Continuous Current	200 A
Cell Technology	Optimized Supercapacitor

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	470 x 400 x 2352
Dimensions (In) WxDxH	18.5 x 15.75 x 92.7
Total Weight	546 kg (1203 lbs)
Rack Weight	120 kg (265 lbs)
Module Weight (Individual)	43.6 kg (94 lbs)
Operating temperature	-40° to 65°C (-40° to 149°F)
Environmental humidity	Non-condensing
Protection rating	IP20
Cycle life	100 x Li-ion
Warranty	10 Year
Scalability	Yes
Application	ON Grid / UPS

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