

ENVOY

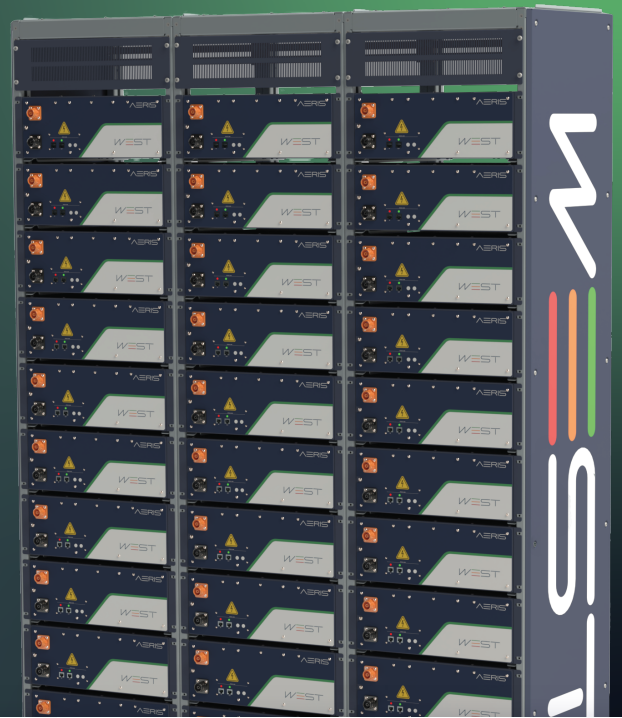
MEDIUM VOLTAGE

The WEST Envoy Series utilizes our advanced Optimized Supercapacitor storage technology.

10 year
Warranty

Remote
Monitoring

Eco
Friendly



Monitoring



Uninterrupted
Power Supply



Round-trip
efficiency



Design Life



Flexible Modular
Design

2C | 3C | 5C

Discharge Rate



Safe To Recycle



No Thermal
Runaway



Operates in Extreme
Heat And Cold



No Parasitic Heating
and Cooling

ADVANCED FEATURES INCLUDE COMPLETE SYSTEM MONITORING

The WEST Envoy Series, leverages advanced Optimized Supercapacitor technology to deliver UPS functionality with built-in fail tolerance that ensures no downtime. Designed for operational continuity, it is field serviceable without interrupting power. With negligible degradation, ultra-fast charge and discharge, no thermal runaway hazard, wide temperature resilience (-40°C to 65°C), and 97% round-trip efficiency, it sets a new benchmark for reliability.

The Envoy Series 10 is specifically engineered to be used in a wide range of environments, including data centers, EV charging, grid-storage and other demanding environments.

WEST Envoy Series 10 is the ultimate choice for data centers!

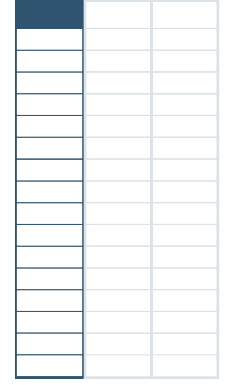
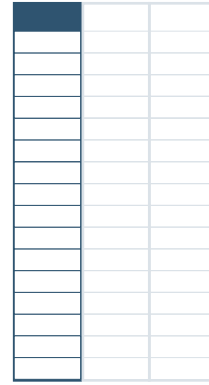
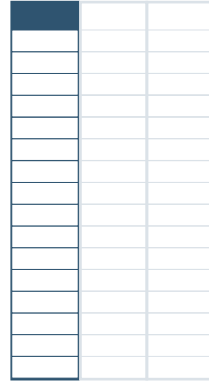
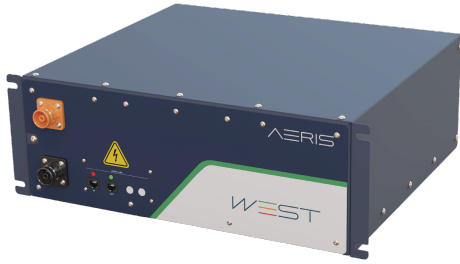


Top End Controller (Reina)

Aeris



wright.energy



GENERAL

C-Rate
Module (kWh/V)
Max String Charging Voltage (16)
Max Continuous Current
End Of Discharge Voltage (2C) x 16
End Of Discharge Voltage (5C)
Max Number Of Modules

1EIGHT

5 C
1.78 kWh
857.6 V
200 A
704 V
640 V
16

3THREE

3 C
3.3 kWh
857.6 V
200 A
704 V
640 V
16

5ZERO

2 C
5.0 kWh
857.6 V
200 A
704 V
640 V
16

COMMUNICATION

Inverter Interface
Display
External Communication
User Interface

Ethernet / CAN
HV / Charge / Contactor / Alarm state LED Indicators
Ethernet / Wi-Fi / Bluetooth-LE
WEST BMS App for iOS and Android

SPECIFICATIONS

Dimensions (mm) WxDxH
Dimensions (In) WxDxH
Total Weight
Crate Weight
Module Weight (Individual)
Cell Technology

1EIGHT	3THREE	5ZERO
488.5 x 427.2 x 167.2	488.5 x 745.1 x 167.2	488.5 x 745.1 x 246
19.23 x 16.81 x 6.58	19.23 x 29.33 x 6.58	19.23 x 29.34 x 9.69
43.6 kg (96.14 lbs)	79.29 kg (174.83 lbs)	115.68 kg (255.03 lbs)
7.4 kg (16.32 lbs)	10.2 kg (22.49 lbs)	11.0 kg (24.25 lbs)
36.2 kg (79.82 lbs)	69.09 kg (152.15 lbs)	104.68 kg (230.78 lbs)

Environmental humidity
Protection rating
Cycle life
Warranty
Scalability
Application

1EIGHT	3THREE	5ZERO
Non-condensing	Non-condensing	Non-condensing
IP20	IP20	IP20
100 x Li-ion	100 x Li-ion	100 x Li-ion
10 Year	20 Year	20 Year
Yes	Yes	Yes
ON Grid / UPS	ON Grid / UPS	ON Grid / UPS

SAFETY

Current Safety
Maximum Capacitor Voltage
Loose Connection Monitoring
Temperature Monitoring
Cell Temperature Monitoring
Safe Activation Parameters
Certification

Fuse and Contactor (Dual Safety)
Electronic
Electronic
Electronic
Electronic
WEST EZPower® limited energy release
UL810A