

# 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!**

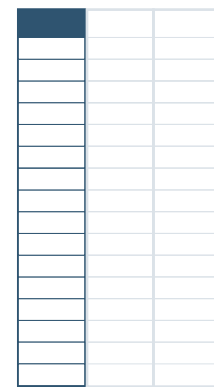
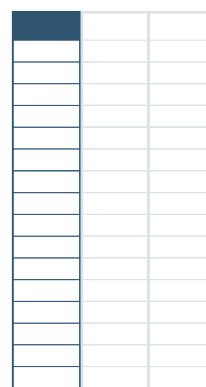
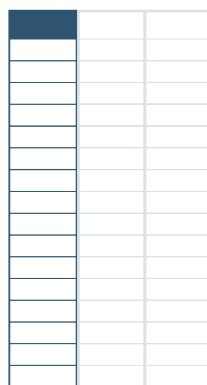
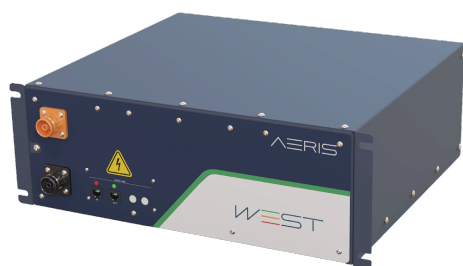


Top End Controller (Reina)

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
<b>100 x Li-ion</b>	<b>100 x Li-ion</b>	<b>100 x Li-ion</b>
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  
UL810