TERRION
ENERGY SOLUTIONS

ENVOY

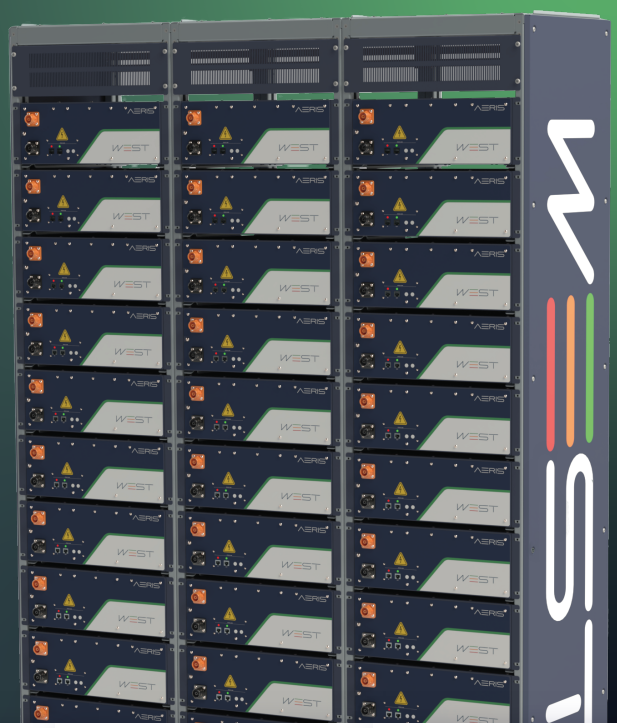
MEDIUM VOLTAGE

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

10 year Warranty

Remote Monitoring

Eco Friendly



Monitoring

Uninterrupted Power Supply

>97% Round-trip efficiency

45 YEAR 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

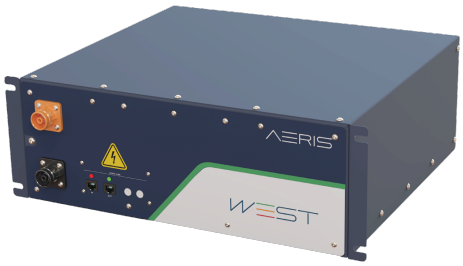
The WEST Envoy Series, leverages advanced Optimized Supercapacitor technology to deliver UPS functionality with built-in fail tolerance that ensures no downtime. Designed for operational continuity, it is field serviceable without interrupting power. With negligible degradation, ultra-fast charge and 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.

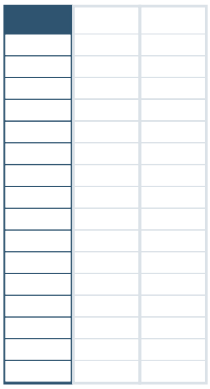
The Envoy Series 10 is specifically engineered to be used in a wide range of environments, including data centers, EV charging, grid-storage and other demanding environments.

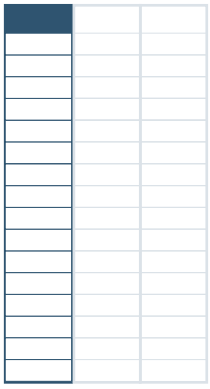
WEST Envoy Series 10 is the ultimate choice for data centers!

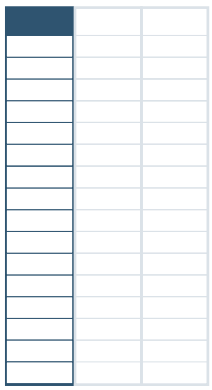
wright.energy

WEST
WRIGHT ENERGY STORAGE TECHNOLOGIES









GENERAL

	1EIGHT	3THREE	5ZERO
C-Rate	5 C	3 C	2 C
Module (kWh/V)	1.78 kWh	3.3 kWh	5.0 kWh
Max String Charging Voltage (16)	857.6 V	857.6 V	857.6 V
Max Continuous Current	200 A	200 A	200 A
End Of Discharge Voltage (2C) x 16	704 V	704 V	704 V
End Of Discharge Voltage (5C)	640 V	640 V	640 V
Max Number Of Modules	16	16	16

COMMUNICATION

Inverter Interface	Ethernet / 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	488.5 x 427.2 x 167.2	488.5 x 745.1 x 167.2	488.5 x 745.1 x 246
Dimensions (In) WxDxH	19.23 x 16.81 x 6.58	19.23 x 29.33 x 6.58	19.23 x 29.34 x 9.69
Total Weight	43.6 kg (96.14 lbs)	79.29 kg (174.83 lbs)	115.68 kg (255.03 lbs)
Crate Weight	7.4 kg (16.32 lbs)	10.2 kg (22.49 lbs)	11.0 kg (24.25 lbs)
Module Weight (Individual)	36.2 kg (79.82 lbs)	69.09 kg (152.15 lbs)	104.68 kg (230.78 lbs)
Cell Technology			
Environmental humidity	Non-condensing	Non-condensing	Non-condensing
Protection rating	IP20	IP20	IP20
Cycle life	**100 x Li-ion**	**100 x Li-ion**	**100 x Li-ion**
Warranty	10 Year	20 Year	20 Year
Scalability	Yes	Yes	Yes
Application	ON Grid / UPS	ON Grid / UPS	ON Grid / UPS

SAFETY

Current Safety	Fuse and Contactor (Dual Safety)
Maximum Capacitor Voltage	Electronic
Loose Connection Monitoring	Electronic
Temperature Monitoring	Electronic
Cell Temperature Monitoring	Electronic
Safe Activation Parameters	WEST EZPower® limited energy release
Certification	UL810A

Please refer to the Warranty Document for applicable conditions.
For more information, please contact us at info@terrion.com.au