

ALPINE

3THREE 5ZERO 6FIVE

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

Carbon
Based

20 Year
Warranty

Modular
Design



Monitoring



Uninterrupted
Power Supply



Round-trip
efficiency



Design Life



Flexible Modular
Design



Safe To Recycle



No Thermal
Runaway



Operates in Extreme
Heat And Cold



No Parasitic Heating
and Cooling

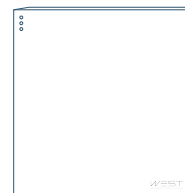
ADVANCED FEATURES INCLUDE COMPLETE SYSTEM MONITORING

The WEST Alpine Series leverages advanced Optimized Supercapacitor technology. 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 Alpine Series is specifically engineered to be used in a wide range of inverter or DC-based applications, including solar, backup, mobility, grid storage, recreational, and much more. Energy can be safely used with our EZPower® technology. The EZPower® features include short circuit detection, multiple unit imbalance control, and controlled load charge-up.

WEST Alpine is the ultimate choice for energy storage.





SPECIFICATIONS

	3THREE	5ZERO	6FIVE
Capacity (kWh / Ah)	3.3 / 67	4.95 / 100	6.6 / 134
Module Weight (kg)	71.4 kg	97 kg	129.8 kg
Crate Weight (kg)	11.8 kg	14.2 kg	15.8 kg
Dimensions (mm) L x W x H	350 x 600 x 325	350 x 600 x 475	350 x 600 x 625
Dimensions (In) L x W x H	13.78 x 23.62 x 12.80	13.78 x 23.62 x 18.70	13.78 x 23.62 x 24.61

CHARGE / DISCHARGE

Rated Charge Voltage(V)	53.6 V	53.6 V	53.6 V
Maximum Continuous Charge Voltage	53.6 V	53.6 V	53.6 V
Maximum Surge Voltage (V)	54.0 V	54.0 V	54.0 V
Recommended Discharge Voltage (V)	46.0 V	46.0 V	46.0 V
Rated Discharge Voltage (V)	45.5 V	45.5 V	45.5 V
Maximum Continuous Current (A)	100 A	200 A	200 A
Maximum Peak Current (A)	125 A	250 A	250 A
Maximum Charge/Discharge Rate (C)	1.5 C	2 C	1.5 C

Available In Rear & Front Connect

SAFETY

Current Safety	Electronic SSR and Thermal DC Breaker (Dual Protection)
Maximum Capacitor Voltage	Electronic
Loose Connection Monitoring	Electronic
Temperature Monitoring	Electronic
Cell Temperature Monitoring	Electronic
Safe Activation Parameters	WEST EZPower® limited energy release
Certification	UL810 & IEC62619