



WRIGHT ENERGY STORAGE TECHNOLOGIES

ALPINE

DOUBLE
3THREE

TRIPLE
5ZERO

QUAD
6FIVE

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, >97% module RTE

COMPLETE SYSTEM MONITORING

- Dual current management for added safety
- Patented CLC for controlled power release and safety checks

20 YEAR WARRANTY¹

The WEST Alpine Series 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 Alpine Series is specifically designed 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 EZ-Power™ technology. The EZ-Power™ features include short circuit detection, multiple unit imbalance control and controlled load charge-up.

Utilize our remote monitoring for Android and IOS through Wi-Fi and setup with our user friendly App for mobile devices. Units are completely modular with unlimited parallel compatibility. Designed for extremely long life (up to 45 years).

West Alpine Series is the ultimate choice in contemporary storage technologies.

(1) Please refer to the Warranty Document for applicable conditions.
For more information, please contact us at info@wright.energy



GENERAL

| | |
|-----------------------|--|
| Storage Type | Optimized Supercapacitor |
| Monitoring | Wi-Fi, Android, IOS |
| Communication | Wi-Fi, LED Status |
| Operating Temperature | -40°C to 65°C |
| Cycle Life /Warranty | 5x Lithium / 20 Year Warranty ¹ |
| Design Life | 45 Years |
| Terminal Connections | M8 |
| Round Trip Efficiency | >97% |
| IP Rating | IP30 |

SPECIFICATIONS

| | DOUBLE _{3THREE} | TRIPLE _{5ZERO} | QUAD _{6FIVE} |
|-----------------------|---------------------------------|--------------------------------|------------------------------|
| Capacity (kWh / Ah) | 3.3 / 67 | 4.95 / 100 | 6.6 / 134 |
| Module Weight (kg) | 71.6 kg | 102.4 kg | 135.8 kg |
| Crate Weight (kg) | 9.6 kg | 11 kg | 13.6 kg |
| Dimensions (mm) LxWxH | 349.5 x 586 x 320 | 349.5 x 586 x 470 | 349.5 x 586 x 621 |
| Dimensions (In) LxWxH | 13.76 x 23.07 x 12.6 | 13.76 x 23.07 x 18.5 | 13.76 x 23.07 x 24.45 |
| Stackable (units) | 6 Units | 5 Units | 3 Units |

CHARGE / DISCHARGE

| | | | |
|---------------------------------------|--------|--------|--------|
| Rated Charge Voltage (V) | 53.6 V | 53.6 V | 53.6 V |
| Maximum Continuous Charge Voltage (V) | 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 | 250 A |
| Maximum Peak Current (A) | 125 A | 250 A | 250 A |
| Maximum Charge/Discharge Rate (C) | 1.5 C | 2 C | 1.5 C |

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 EZ-Power™ limited energy release |

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