WEST

WRIGHT ENERGY STORAGE TECHNOLOGIES

SUMMIT

DOUBLE 3 THREE | TRIPLE 5 ZERO | QUAD 6 FIVE

HYBRID 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*
- *Safer energy storage*

WEST EZ-POWER TECHNOLOGY

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

IOT MONITORING

- *Wi-Fi monitoring using Wright's user-friendly app*
- *Easy IoT setup using WEST configuration tools*

10 YEAR WARRANTY

The WEST Summit Series utilizes our advanced Hybrid 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 Summit 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 Summit series is the ultimate choice in contemporary storage technologies.

For more information, please contact us at info@wrightenergystorage.com

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GENERAL

Storage Type	Hybrid Supercapacitor
Monitoring	Wi-Fi, Android, IOS
Communication	Wi-Fi, LED Status
Operating Temperature	-40°C to 65°C
Cycle Life	>100 000 cycles
Warranty	10 years
Design Life	45 Years
Terminal Connections	M8
Round Trip Efficiency	>97%
IP Rating	IP30

SPECIFICATIONS

	DOUBLE 3 THREE	TRIPLE 5 ZERO	QUAD 6 FIVE
Capacity (kWh / Ah)	3.3 / 67	4.95 / 100	6.6 / 134
Module Weight (kg)	72.6 kg	97 kg	128.6 kg
Crate Weight (kg)	10 kg	11.5 kg	14.2 kg
Dimensions (mm) L x W x H	580 x 632 x 170	580 x 632 x 245	580 x 632 x 320
Dimensions (In) L x W x H	22.83 x 24.88 x 6.69	22.83 x 24.88 x 9.65	22.83 x 24.88 x 12.6
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	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

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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