

PRODUCT SPEC SHEET · TELECOM 5G/6G UPS

Cell-tower UPS. 30+ years. Zero truck rolls for 6x the period.

CORVUS replaces lead-acid VRLA at cell towers, 5G/6G base stations, and telecom edge sites. The SuperCap variant delivers a 30+ year design life versus the 5-year cycles typical of lead-acid — eliminating five replacement truck rolls over the lifetime of the asset. IP55 outdoor rating. Sub-millisecond failover. Remote telemetry and predictive maintenance.

SUPERCAPACITOR OPTION

30+ year life · <1 ms failover

SODIUM-ION OPTION

Extended runtime · extreme cold tolerance

TCO Breakthrough · Five lead-acid replacements eliminated = five truck rolls, five disposal fees, and five downtime windows removed from OPEX over the asset's life.

SPECIFICATIONS

Attribute	Value
Capacity Range	5–50 kWh
Design Life (SuperCap)	30+ years
Failover Time	<1 ms
Form Factor	Outdoor cabinet, IP55
Operating Temperature	–40°C to +65°C
Monitoring	Remote telemetry, SNMP, predictive maintenance
Truck-Roll Reduction	5 fewer visits over 30 years (vs VRLA)
Certifications	UL 1973, IEC 62619, CSA C22.2

IDEAL FOR

- Macro cell tower backup
- Edge data center / MEC sites
- Fiber / ISP CO & hut backup
- 5G / 6G small cell deployments
- Remote microwave & repeater sites
- Utility communication infrastructure

Ready to Specify Your CORVUS Project?

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