AI COMPUTE BUFFER

XEYAR CETUS

PRODUCT SPEC SHEET · AI COMPUTE BUFFER

Power buffer for AI & GPU clusters. Sized for modern compute transients.

DRAFT SPEC SHEET: engineering review pending. Specific specifications may change before final release.

CETUS is XEYAR's dedicated power buffer for AI and GPU compute environments. Modern hyperscale AI workloads produce millisecond power transients that collapse conventional Li-ion UPS cycle life. CETUS uses the same electrostatic SuperCap architecture as DRACO, tuned for the burst-heavy draw profiles of GPU clusters.

SUPERCAPACITOR OPTION	SODIUM-ION OPTION
GPU transient dispatch · 500,000+ cycles	Sustained compute backup

Built for the AI Boom · A single rack of H100-class GPUs can swing hundreds of kilowatts in milliseconds. CETUS is designed to handle that load profile natively, absorbing spikes that would otherwise destabilize upstream PDUs.

SPECIFICATIONS

Attribute	Value
Response Time	<1 ms
Discharge Rate	5C continuous, higher peak
Cycle Life (SuperCap)	500,000+
Form Factor	Rack or row-integrated (TBD)
Deployment Pattern	Per-rack, per-pod, or row-level
Integration	Upstream of GPU PDU
Typical Sizing	Configured to GPU draw profile
Certifications	UL 9540, UL 1973 (confirm scope)

IDEAL FOR

- Hyperscale AI training clusters
- HPC research facilities
- Pod-level power conditioning
- GPU inference data centers
- Crypto & high-density compute
- Retrofit of legacy UPS-limited rooms

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Ready to Specify Your CETUS Project?

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