energy™

Grid-safe power for AI factories.

Power infrastructure that keeps AI data centers grid-safe, from energization through build-out and future load increases.

ABOUT ON.ENERGY

ON.energy builds and operates power infrastructure that keeps AI data centers grid-safe from initial energization through full build-out and future load increases. Its patented medium-voltage AI UPS™ protects compute from power disturbances and shields the grid and onsite generators from AI load swings.

We deliver perfect power technology based on a decade of focus on AI tolerant power controls and integration expertise for hyperscalers. ON.energy is deploying over three gigawatts of its medium-voltage UPS.

Founded in 2016, the company is headquartered in Miami, FL USA.

AI UPS

A firewall between the grid and the data center.

- **Protects compute.** Faults, sags and swells stop at the UPS input, all with zero transfer time.
- **Shields the grid.** Integrated storage absorbs AI load swings and presents a smooth, ramp-rate compliant profile.
- **Proven at scale.** Validated with three AI UPS lineups connected in parallel at our 9.6 MW testbed at the National Laboratory of the Rockies.
- **Grid compliant.** Meets and exceeds ERCOT NOGRR 282 ride-through requirements, with margin against NERC and ISO large load standards.

3+ GW
AI UPS OPERATING OR UNDER CONSTRUCTION

10+ GW
PRODUCTION CAPACITY

99.9%
UPTIME

One focus. All we do is AI power.

ON.energy designs, delivers, commissions, monitors and maintains the power systems that keep AI campuses online. Hardware and software operate as one engineered system, cutting integration risk from initial energization through full build-out and future load increases.

01

Custom system design

We custom-architect power systems for AI data centers. Power electronics, battery storage and controls are engineered together as one system.

02

Delivery and commissioning

We deliver the full stack at medium voltage, upstream of facility switchgear: power conversion systems, transformers and AI UPS lineups with integral battery storage, engineered and commissioned as one system. Installation documentation and project-specific engineering support carry each site through Ready for Service.

03

Maintenance and repair

Field technicians maintain every system at full availability. Preventive maintenance and rapid repair across the whole power path, with full access from grade level. Backed by Tier-1 components and 20-year warranties under long-term service agreements.

04

24/7 remote monitoring

Our Remote Operations Center delivers 24/7 monitoring and reporting across our AI UPS hardware. Real-time telemetry, rapid event response and predictive maintenance keep your assets safe, efficient and fully available.

05

ON.command™ software

ON.command™ is the intelligence layer behind every deployment. It forecasts, dispatches and controls UPS and storage assets in real time. We install, update and support it on site and remotely for the life of the system.

06

Long-term service agreements

A long-term service agreement extends support beyond commissioning: remote monitoring, preventive and corrective maintenance, optional full-time on-site personnel, spares and extended warranties on inverters, batteries and controls, backed by guarantees on response times and battery degradation.

Energy is complicated. Reaching us isn't. Contact us at www.on.energy/contact

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