



METIS POWER STORAGE SYSTEM

www.metispower.com

UNLIMITED STORAGE POTENTIAL

ENERGY STORAGE



TRANSFORM

Your Power
Management with our
cutting-edge Energy
Storage Technology

40 %

REDUCTION

In Demand Charges
from the Grid.

15%

Lower Degradation
Rate in Class

3 MONTHS

Fastest Deployment
for up to 500MW

+15 GWh

Annual Capacity



12 CERTIFICATES

Including UL, TUV, CE, Intertek, SGS,
SAA, DEKRA & cac.

+1 GW

Available Storage
Capacity

1
OPTIMAL
CAPEX

Achieve the industry's
lowest Capex with MPS.
engineered for maximum
savings, superior
performance, and future-
proof scalability.

2
MODULAR
DESIGN

Flexible scaling, faster
deployment, and hassle-
free upgrades—
engineered for seamless
expansion, lower
downtime, and maximum
ROI.

3
LOW
MAINTENANCE

MPS Units offer the
lowest maintenance
and longest life cycle
in class. – reducing
downtime and
increasing resiliency.

4
HIGH
RELIABILITY

Engineered for
20,000+ cycles with
95% RTE—maximizing
uptime and long-term
value.

**METIS
POWER**

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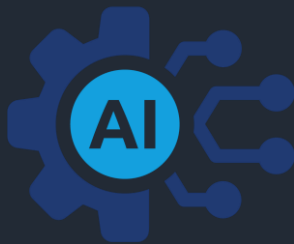
SOLUTION FEATURES

MAXIMUM DENSITY



Engineered for space-constrained projects, our high-density battery modules deliver industry-leading energy storage with up to 280Wh/kg capacity - packing 30% more power into the same footprint than conventional systems. The innovative cell-to-pack design maximizes every square inch while maintaining strict UL9540A safety standards, featuring integrated liquid cooling for stable high-power performance. This compact solution is ideal for urban microgrids, rooftop solar integrations, or retrofit projects where space premiums demand maximum kWh per square meter, all without compromising safety or future expansion capabilities.

SMART ENERGY



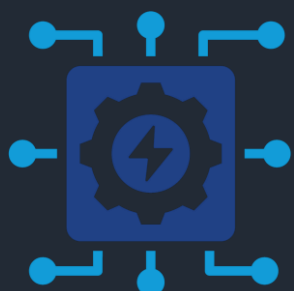
Harnessing real-time adaptive intelligence, our energy management system continuously processes multiple operational data streams to autonomously optimize performance. The platform dynamically adjusts to weather forecasts, electricity market pricing, and equipment analytics while supporting hybrid grid-tied/off-grid configurations. With self-improving algorithms that boost prediction accuracy 3-5% annually, operators gain superior ROI through automated market participation, intelligent cycling that preserves battery health, and a unified dashboard delivering actionable insights across all system components.

SUPERIOR PROTECTION



Built with five redundant safety layers, our systems deliver unmatched protection through cell-level fusing with $<2^{\circ}\text{C}$ thermal variance, explosion-proof venting, and instant hydrogen detection (150ppm trigger). Certified for 8.8 magnitude earthquakes and -22°F to 122°F operation, the architecture combines fire-resistant Nomex barriers with 100ms ground-fault response. Field-proven across 500+ installations, we offer optional hurricane-rated enclosures for extreme environments, providing peace of mind through 10-year performance guarantees and 24/7 remote monitoring.

FUTURE-ADAPTIVE



The industry's only backward-compatible energy storage platform allows seamless integration of next-generation battery technologies into existing infrastructure. Our voltage-agnostic architecture supports chemistry transitions (LFP to NMC), capacity upgrades via 2-hour hot-swaps, and firmware-enabled participation in emerging energy markets. The system's flexible design accommodates 800V-1500V configurations without component replacement, ensuring your investment evolves with technological advancements while maintaining continuous operation through all upgrades and expansions.

MPS PRODUCT LINE FEATURES

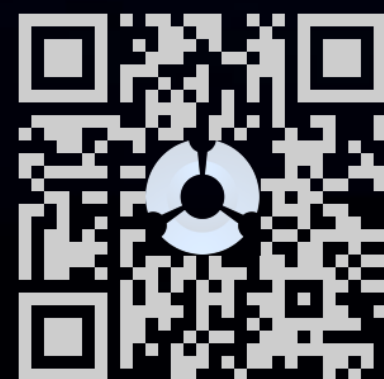


Unit	MPS500	MPS100	MPS2500
Nominal AC Power (kW)	688	1,032	2,500
Capacity (kWh)	688	2,064	5,015
Battery Chemistry	LFP	LFP	LFP
Battery Capacity (Ah)	280	280	314
Protection	NEMA 3R/IP55	NEMA 3R/IP55	NEMA 3R/IP55
Operating Temp. Range (°F)	-22 to 122	-22 to 122	-22 to 122
Max Working Altitude (ft)	7,000	7,000	7,000
Relative Humidity (%)	0-95	0-95	0-95
Voltage (V)	480	480	480
Noise Emissions (dBA)	<80 @ 3FT	<80 @ 3FT	<80 @ 3FT
Footprint (L X W)	8' X 10'	8' X 20'	8' X 40'
Weight (lbs) - dry	35,000	74,000	95,000

Powering What's Next ...

METIS
POWER

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