

AMPHORA EDGE POWER



Hybrid power for operations
beyond the grid.



AMPHORA 24

Portable microgrid control node

Integrates with vehicles, tactical generators, and non-standard sources to provide hybrid power.

4 kW

120VAC & 24VDC IN/OUT

4 kWh

CAPACITY

2 person

CARRY

AMPHORA 400

Three-phase mission power

400 Hz uninterruptable high-voltage power for hybridizing generation and weapon systems.

30 kW

208-480 VAC

50 kW

600 VDC (HYBRID)

Up to 65%

FUEL SAVINGS

MISSION APPLICATIONS



COMMAND AND CONTROL



UNMANNED SYSTEMS



EW AND SENSING



EXPEDITIONARY OPS



FORMATION BASED POWER

A24



A400



PRODUCT CAPABILITIES

SMART CHARGING

Transform vehicles, tactical generators, and other sources like solar and hydrogen systems into scaled bi-directional power sources and microgrids.

AUTOMATIC GENERATOR INTEGRATION

Orchestrate autonomous activation of generators only when needed — eliminating idling and waste and extending overall duration of mission operations.

MICROGRID CONTROLLER

Intelligent software control protocols maintain uptime across connected loads to manage uninterrupted power for critical systems, and balancing supply and demand in real time.

POWER DOMINANCE SOFTWARE

Paradigm shifting software telemetry provides visibility and control over power and energy at the edge for planners and commanders, from a single platform to an entire theater.

Provided via HMI on Device and OpenAPI.

UNIVERSAL POWER SPECIFICATIONS

	A24	A400
CAPACITY	4 kWh MIL-PRF-32565C 6T Li-ION Chainable 8 kWh expansions	15 kWh Li-ION
OUTPUT	4 kW 120 VAC pure sine 4 kW 24 VDC 240 VAC 50/60 Hz variant	30 kW AC 208–480V (60 kW load-sharing w/ 30 kW gen) 50 kW 600 VDC @ 50/60 Hz; 400 Hz optional
INPUT	AC 90–264V, 50/60 Hz — 1.3 kW Solar 33–100 VDC — 1.5 kW 24 VDC bidirectional — 1.5 kW 12 VDC adapter kit Hybrid start-stop for AC/DC gens	120/240 VAC 1Φ — 30 kW 208–480VAC 3Φ — 30 kW 28 VDC — 2.5 kW 600VDC — 50 kW @ 50/60 Hz;
PORTS	NATO DC (in/out) XT90 DC out · XT60 solar in NEMA 5-15 in · 5-20 out ×2 · AMP 16-10S Ethernet: MIL-STD-3071 TMS	Series 16 400A Cam (in/out) NATO 28V NEMA 5-20 (in/out)
SIZE	156 lb · 44×16×14 in Wheeled Pelican 1740	75×36×12 in Trailer or skid mounted

HOW TO ACQUIRE:



GSA MAS PRIME CONTRACT NO.
47QSM526D008X



ARMY UAS MARKETPLACE
DRONES.MIL/AIR



DEFENSE LOGISTICS AGENCY
**TAILORED LOGISTICS
SUPPORT PROGRAM**



COMMERCIAL PURCHASE ORDER
CONTACT@CHARIOTDEFENSE.COM

WARFIGHTER VALIDATION



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NAICS

336320 Motor Vehicle Electrical And Electronic
Equipment Manufacturing

335999 All Other Miscellaneous Electrical
Equipment And Component Manufacturing