



Aegis Energy Systems Inc is a San Diego manufacturer of American-engineered, U.S.-assembled lithium iron phosphate battery energy storage, from an 18 kW building unit to a 4.8 MWh containerized power plant, sold direct and built to order for critical facilities, government agencies, defense installations, commercial sites and homes.

CORE COMPETENCIES

- **Battery energy storage systems**, 18 kW to 420 kW per unit, assembled and tested in San Diego, shipped as one locked pairing of battery, inverter and controls.
- **Containerized storage and microgrids**: the 4.8 MWh Power Container, seven independent inverters, 25 independent strings, eight layers of protection; containers run in parallel for installation scale.
- **Battery module manufacturing**: 16.1 kWh LFP modules for 48 V and high-voltage strings, with cell-level monitoring and active balancing.
- **Controls, firmware, monitoring software and enclosures** built in-house: closed-loop battery-to-inverter control, CellSight and Sentinel Pro monitoring, aluminum cabinets and towers, CNC machining.

PRODUCTS

Home Shield 3.0	18 kW · 48–145 kWh	120/240 V split-phase	Available now
Shield 4.0 Commercial	30 kW · 96.5 kWh per string	120/208 V three-phase	Available now
Shield 6.0	60 kW · 193 kWh per string	277/480 V three-phase	Available now
Power Container	420 kW · 4.8 MWh	277/480 V three-phase	Built to order
Mobile Welding Power Unit	60 kW · sized to the job	480 V three-phase	Built to order
Shield battery modules	16.1 kWh · 16 × 314 Ah LFP	48 V and HV strings	Available now

WHY AEGIS

- **The manufacturer answers the phone.** Quotes, drawings, startup support and operator training come from the engineers who build the system. 12-year standard warranty, extendable to 30 years.
- **Full disclosure of sourcing.** Cells (Hithium 314 Ah LFP in every system shipping today) and inverters (Sol-Ark) are stated on every quote with country-of-origin, certification and warranty documents.
- **Protection that never waits on software.** Rapid shutdown, string isolation and fire protection are hardwired and fail-safe. Monitoring runs at the site and works without internet.
- **A domestic roadmap.** The AEGIS battery management system (Titan, Zeus, CC-1), a U.S.-assembled module line and the Sodium-IronX cell (two 314 Ah designs drawn, Gen1-314 and S14-314) are in development; systems keep shipping on today's qualified hardware.

COMPANY DATA

LEGAL NAME

Aegis Energy Systems Inc

HEADQUARTERS

San Diego, California

ROLE

Manufacturer

BUSINESS SIZE

Small business

SAM.GOV

SAM.gov entity registration in progress

NAICS 335910

Battery manufacturing

NAICS 335999

Other electrical equipment and component manufacturing

CERTIFICATIONS

Battery modules: Certified to UL 1973 and UL 9540 · UL 9540A test method, testing completed · UL 9540B pending.

Power Container: NRTL field evaluation through Intertek; design basis NFPA 855, 68, 69, 70, 72.

Inverters: UL 1741 and IEEE 1547, listings held by Sol-Ark.

CONTACT

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8 am to 6 pm Pacific, Monday to Friday