



Stadco Cellpac™ - APU CP10A - 10kW

**Compartment Generator System
Independent AC Power Source**

**Purpose built for vehicle compartment duty.
Prime Power for Fire, Rescue & Utility Vehicles.**



PATENTED

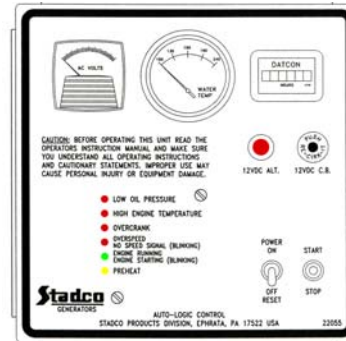


Cellpac Dynamic Cooling system is located in a pressurized cabinet. High density, welded aluminum heat exchanger is technology borrowed from our Railgen™ generator systems. **Zero clearance requirements.**

NEW! Model CP10A - 10kW

- **Size:** 32.4"Lx18.25"Wx26.8"H
(Includes operating clearances)
- **Unit weight:** 540 lbs.
- **Rating:** 10.0KW Intermittent, 9.0KW Continuous
- **Output current:** 240/120VAC, 1-phase, 60 Hertz (Std)
120VAC, 1-phase, 60 Hertz (Optional)
- **Engine:** 3-cylinder diesel, liquid cooled, 1800 RPM
- **Engine sound level:** 80 dB(A) @ 1 meter,
65 dB(A) @ 7 meters.
- **See S84 Sales spec sheet for full details.**

Standard #1556 Control System



Fully automatic operation. Flat panel or wall box for remote mount. Includes 10' plug-in cord. Refer to bulletin #S112.

- Simple, uncomplicated, independent, AC power source.
- All self-contained in one compartment.
- Quiet, smooth, continuous AC power on demand.
- Continuous duty APU. Industrial Quality.
- Whether on duty for 15 minutes or 15,000 hours; it doesn't matter. Cellpac generators were bred exclusively for tough 24/7 duty in compartments.
- Micro-Processor Engine Control and protection system virtually eliminates catastrophic failure events.
- Designed for closed door operation. Operates with cool compartment.
- Compact Modular design - Correct installation procedure is easier whether in a new or existing vehicle. Weather protection recommended.

- 1800 RPM diesel engine direct coupled to 4-pole AC Alternator

- **When you want to be sure . . . Specify Cellpac APU for compartment duty!**

Years of field duty prove **Cellpac Stands up to the heat!** Stadco Cellpac Generators are purpose designed for compartment duty in hot weather with doors closed. * Cellpac's patented dynamic cooling loop forces all heat out the bottom vent. * Air flow inside the compartment stays cool! * Tested up to 122°F (50°C) ambient temp. at Continuous rating.

- **NFPA 1901 Compliant:** 2 Hour load test compliant **at full Continuous load.**
- **Performance Guaranteed. Money Back Guarantee!** Refer to Stadco D25 Warranty.
- **Low noise level** • **Low environmental impact, See Back.**

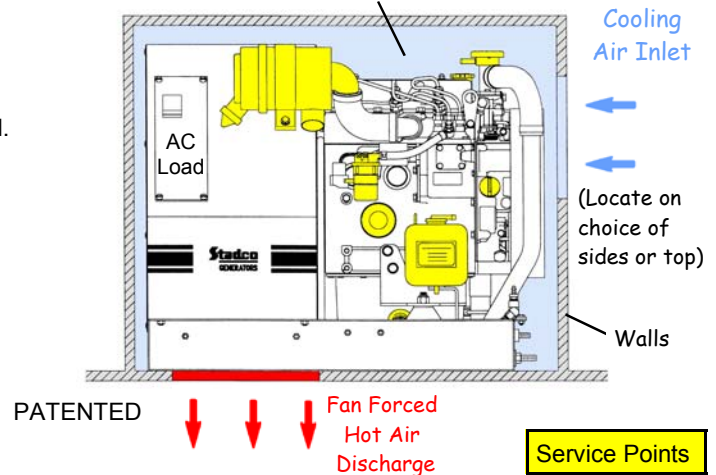
CP10A - Completely independent AC power source!

Cellpac Operating Concept

Purpose Designed For:

- Compartment & enclosures on diesel vehicles.
- Mission critical applications.
- Extended service hours for 24/7 continuous duty.
- Smooth running 3 cylinder liquid cooled diesel @1800 RPM.
- Closed door operation & cool compartment interior.
- Extraordinary cooling system performance & reliability.
- Zero clearance requirements for cooling loop.
- Wide operating temperature range: 0°F to 122°F
- Automatic engine protection system; 3-point monitoring. See Bulletin #S121.
- Easy, high integrity installation.
- Easy access to all routine service points.
- Field serviceability with known technology.
- High reliability; like our Railgen™ generator systems.

Cool air flows throughout compartment



Advantages to owner:

- Modular concept - factory finished - factory supported.
- Higher level of reliability. Industrial Quality.
- Quiet, 1800 RPM easy starting engine.
- 4-pole AC alternator - high motor starting power.
- Reliable high temp capable cooling system.
- Convenient access to routine service points.
- Safety protection system continually monitors engine condition.
- EPA emissions compliant. Tier 4. Cleanest EPA Category.

Advantages to installer:

- Complete factory engineered modular package. Save about 50% on installation labor.
- Patented Cellpac cooling air management system designed specifically for enclosed environments.
- No on-site cooling system engineering requirements - simply provide air flow access holes as specified by Stadco for inlet and discharge of cooling loop. Cooling air inlet(s) permissible at multiple locations. (Consult operators manual)
- Low risk procedure. Reduced exposure to faulty installations and liability for warranty expenses.
- Wall mounted engine control panel with 10-foot connector cord. Accommodates standard fire apparatus control wiring interfaces. See bulletin #S121.
- Installation package includes: control panel, heat insulated tail-pipes, S.S. flex exhaust pipe and muffler.
- Convenient connections to vehicle battery and diesel fuel tank.



GOING GREEN:



Cellpac™ Generators may have the least environmental impact. Here's why:

- Cellpac CP10A generator power source: 18 hp mini-diesel running in optimized mode for clean emissions. Complies with the cleanest EPA emissions regulations, "Tier 4 Final". Exhaust after-treatment requirements: None.
- PTO driven generators (mechanical & hydraulic): Huge 250-500 hp diesel running at idle speed; the least efficient operating mode. Most will require exhaust after-treatment systems in 2010, which could limit engine idling capability.
- Belt driven generators: Essentially the same scenario as PTO driven generators.

Cellpac generators are true independent power units (APU) while PTO & Belt driven generators are all parasitic power units (PPU).

Cellpac generators have a tiny "Carbon Footprint" compared with all PPU generators.

Stadco Support Services

- Routine service provided by selling dealer or by Stadco.
- Toll free Stadco Technical Service hotline, call 1-800-377-2120. Stadco factory service training available.
- Maintenance & Service support information posted on website; www.stadcogen.com
- Stadco services: Shop and road service.
- Supported by a 24 month or 2000 hour limited warranty per Stadco policy #D25.

Cellpac™ generators available in sizes ranging from 6-25KW.

Refer to Cellpac Sales Spec #S84

© 2009 Stadco Products Division • PO Box 586 • 34 Stauffer Lane • Ephrata, PA 17522

Phone: 717-738-2500 Email: gensales@stadcogen.com

Website: www.stadcogen.com

Rev 5/09
S138.09pub