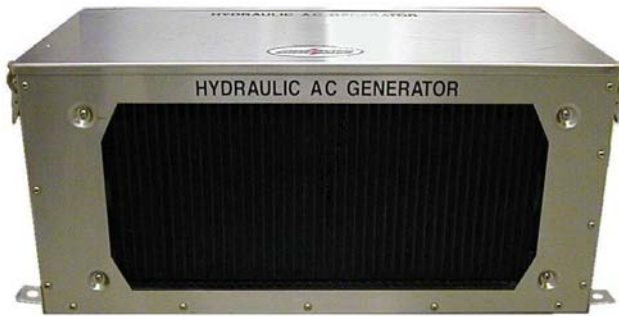


# Emergency/Rescue Series

Compact, all solid-state electronic controlled hydraulic generators



**Smart Power® Systems** severe-duty, 1 piece, electronic controlled generator systems are designed to meet the most demanding mobile applications, and provide 120VAC/240VAC, 60Hz clean power. The cleanest power available.

Their (1) reliability, (2) compact 1 piece module, (3) clean power, and (4) proven field performance make them the *first choice* for fire fighters.



*smart power® provides .....*

## Instant power you can rely on

- Trouble free GENSET operation and maintenance
- Rugged, stainless steel, fully enclosed one piece module
- Smart Start\* power engagement reduces stress on genset and truck powertrain

## Compact size

- 1 piece GENSET module includes integrated hydraulic fluid reservoir
- Single piece drop-in field replacement (replaces all GENSET brands)
- Smallest industry footprint saves valuable space for other gear/apparatus
- Common hookups for 6.2, 8 and 10kW models
- Mount in dunnage area, compartment, etc.

## High performance

- Unique “super cooled” power generation for continuous 120°F operation
- Solid state system controller provides total control: optional multiplexing interface (J1939)
- Command & Control Center continuously monitors system and optimizes overall performance
- Meets/exceeds NFPA requirements

## Ease of operation

- Smart Touch® sealed touch pads provide operator interactive capabilities; manual override/control
- Integrated diagnostics and service advisories
- Service intervals of 250 hours or 3 years

## Superior warranty protection

- 5 years/1000 hours
- The total system is factory tested and Certified prior to shipment

## Outstanding technical support

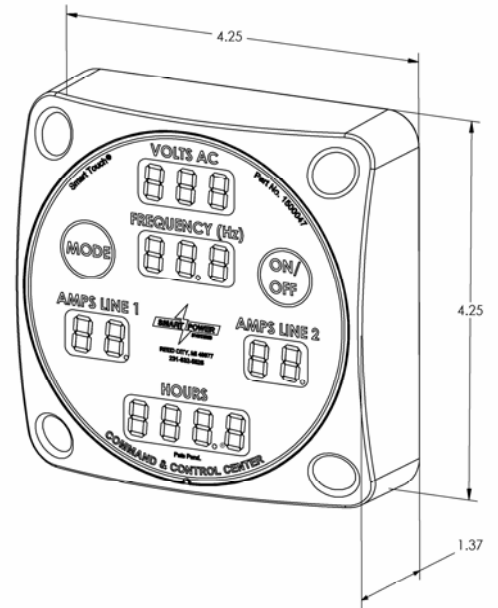
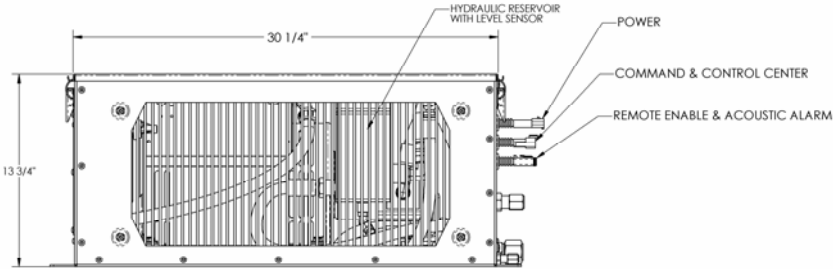
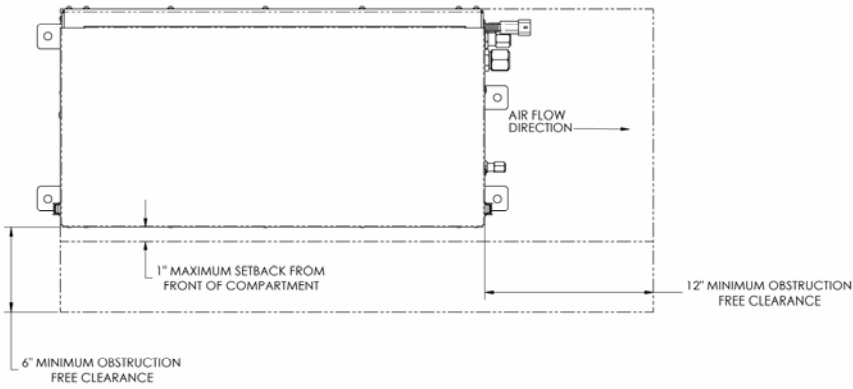
- Large experienced technical support staff
- 37 years of manufacturing expertise
- 200,000 square ft. state-of-the-art facility is ISO9001/2000 certified



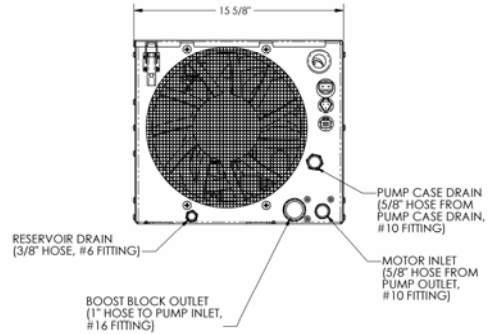
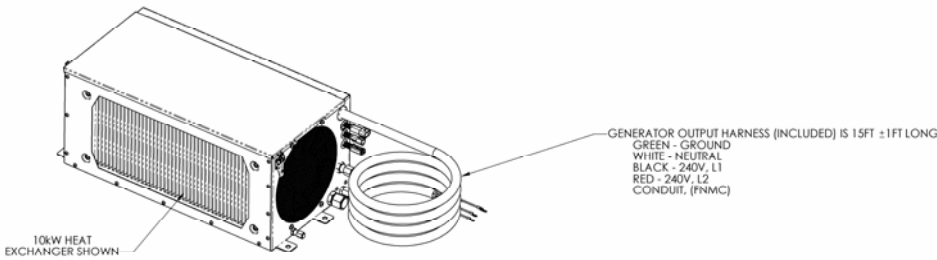
\*pats.pending

## Smart Power Systems

5000 North US-131 • Reed City, MI 49677  
(231) 832-5525 • fax: (231) 832-3876 • sales@smartpower.com  
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**COMMAND & CONTROL CENTER**  
P/N: 1500047



### System specifications

|                             | <b>ER-6</b>   | <b>ER-8</b>                                    | <b>ER-10</b>                                   | <b>ER-110</b>                                  |
|-----------------------------|---|--|--|--|
| <b>Model number:</b>        | ER-6  | ER-8   | ER-10  | ER-110   |
| <b>Part number:</b>         | 1700006   | 1700008  | 1700010  | 1700110  |
| <b>Power:</b>               | 6kW   | 8kW  | 10kW   | 10kW   |
| <b>AC amps:</b>             | 46/23   | 66/33  | 83/42  | 83/42  |
| <b>Continuous watts:</b>    | 6200  | 8000   | 10000  | 10000  |
| <b>Peak watts:</b>          | 7500  | 9000   | 12000  | 12000  |
| <b>Tray weight:</b>         | 190 lb.   | 220 lb.  | 240 lb.  | 240 lb.  |
| <b>Hydraulic pump:</b>      | 45cc, 7/8" 13 tooth spline shaft, SAE B flange  | 45cc, 7/8" 13 tooth spline shaft, SAE B flange | 45cc, 7/8" 13 tooth spline shaft, SAE B flange | 60cc, 1" 15 tooth spline shaft, SAE B-B flange |
| <b>Pump rotation:</b>       | Right hand  | Right hand                                     | Right hand                                     | Right hand                                     |
| <b>AC volts:</b>            | 120/240 VAC (re-connectable to 120 VAC only)  |  |  |  |
| <b>Frequency:</b>           | 60 Hertz  |  |  |  |
| <b>Phase:</b>               | Single  |  |  |  |
| <b>Generator speed:</b>     | 3600 RPM  |  |  |  |
| <b>Frame size:</b>          | 30.25" L x 15.75" W x 13.75" H  |  |  |  |
| <b>Reservoir:</b>           | Integrated within frame   |  |  |  |
| <b>Hydraulic pump type:</b> | Axial piston w/pressure compensated control   |  |  |  |
| <b>PSI:</b>                 | 400 to 3600   |  |  |  |
| <b>GPM:</b>                 | 7 to 13   |  |  |  |
| <b>Engine speed:</b>        | 600 RPM to 3000 RPM (application specific)  |  |  |  |
| <b>Filtration:</b>          | 10 Micron   |  |  |  |
| <b>Fluid:</b>               | Dexron III  |  |  |  |
| <b>Pump Options:</b>        | 1.25" 14-tooth spline shaft, 1" keyed shaft, 1.25" keyed shaft, left hand rotation and through shaft with SAE C 2 bolt flange |  |  |  |