



# EMERGENCY RESCUE DEVICE

Smartrise Engineering's Emergency Rescue Device is equipped with smart battery charging, testing, and monitoring to ensure that power is available when it is needed most for traction controllers. Our compact design fulfills the needs of the industry and provides an efficient, reliable emergency power source.

UNIT DIMENSIONS	UNIT WEIGHT
25"H x 16"W x 10"D	155 lbs.

## General Specifications and Benefits

- Dedicated battery testing circuit automatically puts a load on the battery and monitors the discharging profile of the battery.
- High efficiency two-step inverter design.
- Using advanced SiC (Silicon Carbide) power modules, high current AC outputs are generated with very low thermal losses.
- Smartrise Emergency Power Devices generate Pure Sine-Wave AC output which reduces the amount of heat and noise in the magnetic devices, compared to other manufacturers.
- Internal dedicated contactor for switching between mainline and Emergency line. Automatic mainline fault detection.
- Has 4 discrete relay outputs and 2 discrete logic inputs that can connect to any controller.
- Built-in disconnect for easy battery service.

<b>INPUT MAIN LINE</b>	3 phase or single phase 208, 240 or 480
<b>INPUT BAT. RATING</b>	48VDC (4x12VDC Batteries) 20AH
<b>OUTPUT RATED VOLTAGE (VAC)</b>	208, 240, 480 (Single Phase)
<b>OUTPUT MAX CURRENT (A)</b>	14, 12, 6
<b>OUTPUT MAX POWER</b>	3000 watts for 15 minutes
<b>SWITCH CONTACTOR CURRENT RATINGS</b>	150A max

Contact our Sales Department at [sales@smartrise.us](mailto:sales@smartrise.us) to order or for more information.



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