REDUCE UNNECESSARY IDLE TIME.

The all-in-one ECO IDLE-TEC system reduces unnecessary idle time through robust lithium iron batteries that deliver uninterrupted power to your rig while reducing operating costs and protecting the environment.

- Automatic and seamless engine shutdown and restart.
- Charge through the alternator or plug-in at the station.
- Telematics feature tracks fuel and emissions savings.
- Engine-off options for:
  - Up to 3 hours run time
  - Cab heating (standard or high performance)
  - Cab Cooling (standard or high performance)

PROTECTS THE ENVIRONMENT

Reducing engine idle time on scene decreases the number of harmful emissions that are produced, creating a cleaner environment for your community.

IMPROVED DRIVER SAFETY & COMFORT

Maintain your crews safety and comfort with heat, air conditioning, radio and auxiliary power, all without running the engine.

ZEROS EMISSIONS

- Zero Emissions
- Zero Fuel
- Zero Noise
- Zero Lost Performance

REDUCED OPERATING COSTS

Operating costs are reduced through less fuel consumption and less engine wear, extending the service life of your apparatus.
# Performance Options

## WARM CLIMATE
Typically above 32° F / 0° C

<table>
<thead>
<tr>
<th></th>
<th>Standard Range</th>
<th>Extended Range</th>
<th>Standard Range w/Cab Cooling</th>
<th>Extended Range w/Cab Cooling</th>
<th>Medium Range Extra Cab Cooling</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM-200 2.0 kw-hr</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>AC 40 1.0 kw-hr</td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>AC 40-24 1.0 kw-hr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Engine Off Run Time 200 amp draw* (min)</td>
<td>30-45</td>
<td>60-90</td>
<td>30-45</td>
<td>60-90</td>
<td>45-60</td>
</tr>
<tr>
<td>Engine Off Run Time 100 amp draw* (min)</td>
<td>60-90</td>
<td>120-180</td>
<td>60-90</td>
<td>120-180</td>
<td>90-120</td>
</tr>
<tr>
<td>Cool Maintain Cab Air Conditioning (BTU)</td>
<td>11800</td>
<td>23600</td>
<td>11800</td>
<td>23600</td>
<td>11800</td>
</tr>
</tbody>
</table>

## COLD CLIMATE
Frequently below 32° F / 0° C

<table>
<thead>
<tr>
<th></th>
<th>Standard Range</th>
<th>Extended Range</th>
<th>Standard Range w/Cab Cooling</th>
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<td>11800</td>
<td>23600</td>
<td>11800</td>
</tr>
</tbody>
</table>

### Additional Options

- **Warm Maintain Engine-Off Cab Heat (BTU)**: Standard
- **Extra Cab Heat Fuel-Fired 17,000 BTU Heater**: Optional
- **Lithium Iron Battery Heat**: Standard
- **Low Ambient Temp. Override**: Engine off down to 32° F (0°)
- **Operator Override Feature**: Standard
- **Shore Power Dual Voltage (Kussmaul)**: Standard
- **Cab Tilt Interlock**: Standard
- **ECO IDLE-TEC Telematics**: Standard

### Specifications

- **Weight (lbs.)**: 165, 275, 315, 395, 425, 235, 345, 385, 465, 495
- **Footprint (in.)**: 20x20, 20x32, 20x44 or 28x28, 32x32, 32x36, 20x20, 20x32, 20x44 or 28x28, 32x32, 32x36

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*Note: All times and capacities are approximate and may vary depending on specific conditions and usage.*

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