Models FP145TSX, FP170TSX, FP225TSX
# Enermax Series

TecnoGen’s Enermax Series generator is built for reliability and is ideal for continuous heavy duty applications.

This series ranges in size from 25 to 1000 kVA and is equipped with market leading engines - Volvo, FPT, Kohler. Standard features include Deep Sea Controller, camlocks, block heater, battery charger and external fuel connect.

## Deep Sea Controller

- Main status and instrumentation display
- Four configurable LEDs
- Menu navigation buttons
- Engage breaker (in parallel option)
- Open generator (in parallel option)
- Mute alarm/amp test
- Select stop mode
- Start engine (when in manual mode)
- Select manual mode
- Select auto mode

## specs

### Generator Specs

<table>
<thead>
<tr>
<th>MODELS</th>
<th>FP145TSX</th>
<th>FP170TSX</th>
<th>FP225TSX</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIES</td>
<td>ENERMAX</td>
<td>ENERMAX</td>
<td>ENERMAX</td>
</tr>
</tbody>
</table>

**Prime (kW)**

- FP145TSX: 115
- FP170TSX: 132
- FP225TSX: 181

**Standby (kW)**

- FP145TSX: 126.5
- FP170TSX: 146
- FP225TSX: 200

**RPM**

- FP145TSX: 1800
- FP170TSX: 1800
- FP225TSX: 1800

**Voltage 1Ph**

- FP145TSX: 240/120V
- FP170TSX: 240/120V
- FP225TSX: N/A

**Voltage 3Ph**

- FP145TSX: 480/277V
- FP170TSX: 480/277V
- FP225TSX: 480/277V

**Frequency (Hz)**

- FP145TSX: 60
- FP170TSX: 60
- FP225TSX: 60

**Controller Brand**

- Deep Sea

**Controller Model**

- DSE7310
- DSE7310
- DSE7310

**Alternator Make**

- Leroy Somer

**Alternator Model**

- LSA44.3MB
- LSA46.3S2
- LSA46.3S4

**System Voltage**

- FP145TSX: 24V
- FP170TSX: 24V
- FP225TSX: 24V

**Sound Level @ 23 Feet**

- FP145TSX: 70
- FP170TSX: 70
- FP225TSX: 70

### Amps

<table>
<thead>
<tr>
<th>SINGLE PHASE 120V (P.F. 0,8)</th>
<th>337,5 x 2 zz</th>
<th>500 x 2 zz</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE PHASE 240V (P.F. 0,8)</td>
<td>337,5</td>
<td>500</td>
<td>N/A</td>
</tr>
<tr>
<td>THREE PHASE 208V (P.F. 0,8)</td>
<td>399</td>
<td>458</td>
<td>628</td>
</tr>
<tr>
<td>THREE PHASE 240V (P.F. 0,8)</td>
<td>346</td>
<td>397</td>
<td>544</td>
</tr>
<tr>
<td>THREE PHASE 480V (P.F. 0,8)</td>
<td>173</td>
<td>198</td>
<td>272</td>
</tr>
</tbody>
</table>

### Engine Specs

<table>
<thead>
<tr>
<th>MODELS</th>
<th>MAKE</th>
<th>FPT</th>
<th>FPT</th>
<th>FPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIES</td>
<td>MODEL</td>
<td>NEF67</td>
<td>NEF67</td>
<td>NEF67</td>
</tr>
<tr>
<td></td>
<td>EPA LEVEL</td>
<td>Tier 4F</td>
<td>Tier 4F</td>
<td>Tier 4F</td>
</tr>
<tr>
<td></td>
<td>No. Cylinders</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Gross HP</td>
<td>194.5</td>
<td>224</td>
<td>299</td>
</tr>
<tr>
<td></td>
<td>EXTERNAL FUEL VALVE</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>FUEL CONTAINMENT</td>
<td>110%</td>
<td>110%</td>
<td>110%</td>
</tr>
</tbody>
</table>

### Fuel Consumption

<table>
<thead>
<tr>
<th>MODELS</th>
<th>FUEL CAPACITY (Gallons)</th>
<th>232</th>
<th>232</th>
<th>232</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIES</td>
<td>75% FUEL</td>
<td>6.10 gal/h</td>
<td>6.98 gal/h</td>
<td>9.14 gal/h</td>
</tr>
<tr>
<td></td>
<td>RUN TIME @ 75%</td>
<td>38</td>
<td>33</td>
<td>25</td>
</tr>
</tbody>
</table>

### DEF

<table>
<thead>
<tr>
<th>MODELS</th>
<th>DEF TANK CAPACITY (Gallons)</th>
<th>20</th>
<th>20</th>
<th>20</th>
</tr>
</thead>
</table>

### Weights and Dimensions

<table>
<thead>
<tr>
<th>MODELS</th>
<th>SKID W/O TRAILER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIES</td>
<td>Dry WEIGHT (lbs.)</td>
</tr>
<tr>
<td></td>
<td>Wet WEIGHT (lbs.)</td>
</tr>
<tr>
<td></td>
<td>LENGTH (in.)</td>
</tr>
<tr>
<td></td>
<td>WIDTH (in.)</td>
</tr>
<tr>
<td></td>
<td>HEIGHT (in.)</td>
</tr>
</tbody>
</table>

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