The Remote Power Stage (RPS) offers two channels of motor drive control while pulse width modulating up to 280V of bus voltage. The RPS allows for feedback and control circuit pass through via a 28V common bus. The box is sized to maximize application of core IGBT module in a sealed enclosure.

**Key Features**

- Isolates high voltage components from low voltage controls
- Battery initiation capability
- Access connector for ground support and pre-flight check-out
- RS-422 Communication/Control
- Built-in Power Supply Monitor/Fault Detection
- Supports modular architecture solutions
RPS Power Drive Schematic

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Equipment described herein falls under the jurisdiction of the EAR and may require US Government Authorization for export purposes. Diversion contrary to US law is prohibited.

Remote Power Stage

Output Phase Current

Performance Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>200 AMP</th>
<th>600 AMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>RPS60202</td>
<td>RPS60602</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>300V</td>
<td>300V</td>
</tr>
<tr>
<td>Output Current</td>
<td>133A</td>
<td>400A</td>
</tr>
<tr>
<td>Max Power</td>
<td>40kW</td>
<td>120kW</td>
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<tr>
<td>Thermal Rating</td>
<td>10kW</td>
<td>30kW</td>
</tr>
<tr>
<td>Altitude</td>
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</tr>
<tr>
<td>Weight</td>
<td>29lbs</td>
<td>47lbs</td>
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