Powerex produces assemblies combining IGBT and IPM modules with other power components into integrated power structures to meet standard and customer specific application demands.

**POW-R-PAK**

Applications Include:
- Energy Storage
- Distributed Power Generation
- Industrial Power Supplies
- Motor Drives
- Power Quality

Basic Circuit Configurations:
- H-Bridge
- Half-Bridge
- Three-Phase Bridge
- Three-Phase Bridge + Brake

Additional Available Options:
- Blower / Fan
- Converter / Inverter
- Diode or SCR
- Dual Inverter or Converter

*Note: Custom IGBT Assemblies Also Available*
PP IGBT Assembly Overview

To determine the proper IGBT assembly for your application the following information is needed.

(1) Type:
- PP (Air Cooled) Is a fan required?
- PPL (Liquid Cooled) Type of liquid cooling: water or glycol.

(2) Power:

<table>
<thead>
<tr>
<th>Type</th>
<th>Input (VAC)</th>
<th>Current (Amps)</th>
<th>Output (VAC)</th>
<th>Current (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Phase</td>
<td></td>
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<tr>
<td>Three-Phase</td>
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</tbody>
</table>

(3) Ambient Temperature (°C)

(4) Switching Frequency (kHz)

(5) Circuit Configuration:

- H-Bridge
- Half-Bridge
- Three-Phase + Brake
- Other

(6) Options:

- Blower / Fan
- Diode or SCR
- Converter / Inverter
- Dual Inverter or Converter
- Application Specific

(7) Assembly:

- Prototype
- Production - Estimated Annual Volume

Please email this information to our IPP Department at ipp@pwrx.com.
A Powerex engineer will review the information and contact you to discuss your assembly needs.