IGBT ASSEMBLIES

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

Package / Circuit Configurations:

- Half-Bridge
- H-Bridge
- Buck / Boost
- Three-Phase Bridge
- Three-Phase Bridge Plus Brake
- Converter / Inverter
- Dual Inverter
- Chopper

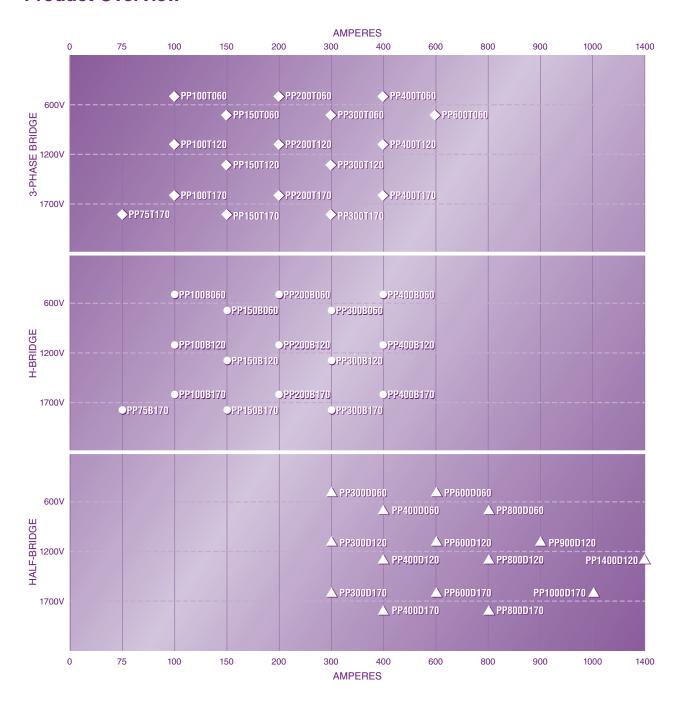
Note: Custom IGBT Assemblies Also Available

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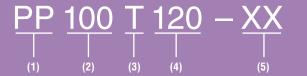


Product Overview



Numbering System

PP100T120-XX is an IGBT air cooled assembly rated at 1200 Volts and 100 Amperes.



- (1) Type:
 PP = Air Cooled
 PPL = Liquid Cooled
- (2) Current Rating (I_C)
- (3) Circuit Configuration:
 - T = Three-Phase D = Half-Bridge
 - D II Deid
 - B = H-Bridge R = Three-Phase + Brake

- (4) IGBT Voltage:
 - 060 = 600V
 - 120 = 1200V170 = 1700V
- (5) Options:
 - Blower / Fan
 - Diode or SCR
 - Converter
 - Dual Inverter
 - ApplicationSpecific Design /Configuration