



PROTERRA HVJB HARDWARE

Proterra Powered's High Voltage Power Distribution products consist of solutions designed for electric bus, commercial vehicle and industrial applications. Paired with Proterra's batteries, make it seamless for OEMs to electrify their applications.

KEY FEATURES

Select from a number of designs. Generally supports 400 to 850V high voltage architectures, multiple high voltage batteries as well as high voltage driveline, charging interfaces and other auxiliary I/Os.

SAFETY AND ENVIRONMENTAL TESTING

The junction box and power distribution products have safe controls such as high voltage interlock loop supervision, fault detection, and fuse protection. These units also undergo rigorous environmental testing.



*Product appearance and size varies based on options

Product	T-850	T-850FC	C-650	Bx-850	B-850
HV Support	Up to 850V	Up to 850V	Up to 650V	Up to 850V	Up to 850V
HV Battery I/Os	Up to 3 (250A)	Up to 6 (250A)	Up to 3 (200A)	Up to 6 (250A)	Up to 6 (250A)
HV Drive I/O	YES	YES	NO	NO	NO
Charge I/O	Up to 2 CCS (300A)	DCFC (1000A)	1 CCS (300A)	1 CCS (300A)	NO
Aux Load I/O	Up to 7	Up to 5	Up to 2	Up to 4	NO
Low Voltage	24V	24V	24V	24V/12V	24V/12V
Operating Temperature	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C
Target Application	Transit Bus Class 6-8	Transit Bus	Class 3 Equipment	Class 3-6	Class 3-6

