

Matrice de conformité aux Tests MIL-STD et CE

Système d'alimentation 6-PACK (Bren-Tronics, Inc. P/N BTE-70791A)

Le 6Pack de Bren-Tronics, Inc. (P/N BTE-70791A) a été soumis et est conforme aux exigences de performances des standards Mil Standards, EU EMC Standards and Safety testing suivantes:

MIL-STD -810G

Test Description	Test Method	Section	Procedure
High Temperature (+55°C) Operation	501.5	4.5.3	II
Low Temperature (-30°C) Operation	502.5	4.5.3	II
High Temperature and Humidity (+55°C, 95%RH) Operation/Storage	507.5	4.4.2.2	II
Low Temperature and Humidity (-40°C)/ High Temperature (+70°C) Storage	502.5	4.5.2	I
Thermal Shock	503.5	4.4.2.1.c	I-C
Loose Cargo	514.6	4.5.3	II
Mounted Vibration - Operating	514.6	4.5.2	I
Mounted Vibration - Non-Operating	514.6	4.5.2	I
Transit Drop	516.6	4.6.5	IV
Immersion	512.5	4.4.2	I
Altitude - Operating	500.5	4.5.3	II
Altitude - Storage	500.5	4.5.2	I

EMC Standard EN 61000-6-4:2007 Electromagnetic Compatibility (EMC).

Generic Standards. Emission Standard for Industrial Environments

Test Description	Standard	Edition
Conducted Emissions	CISPR 16-1-2	1.2:2006
Radiated Emissions	CISPR 16-2-1	1.1:2003
Harmonics	IEC 61000-3-2	3.0:2005
Flicker	IEC 61000-3-3	2.0:2008

EMC Standard EN 61000-6-2:2005 Electromagnetic Compatibility (EMC).

Generic Standards. Immunity for Industrial Environments

Test Description	Standard	Edition
Electrostatic Discharge	IEC 61000-4-2	1.2:2001-04
Radiated Immunity	IEC 61000-4-3	3.1:2008-04
EFT/Burst, Power and I/O Leads	IEC 61000-4-4	2.0:2004-07
Surge, Power Leads	IEC 61000-4-5	2.0:2008-10
Conducted Immunity, Power and I/O Leads	IEC 61000-4-6	3.0:2008-03
Voltage Dips and Interrupts	IEC 61000-4-11	2.0:2004-03

MIL-STD-461E

Test Description	Test Method
Conducted Emissions	CE102
Conducted Susceptibility	CS101
Conducted Susceptibility	CS114
Radiated Emissions	RE102
Radiated Susceptibility	RS103

Safety Tests

Output Short Circuit
Vehicle Battery Protection (24V NATO)
Input Polarity Reversal (All DC Modes)
Vehicle Battery Protection (12V Auto)