



# Electromagnetic Pulse & Lightning Defense Technologies

## 100% Lightning & EMP Protection

The EMP Shield vehicle offers military tested next generation surge protection that will defend against electromagnetic pulses (EMP E1, E2, and E3), coronal mass ejections (solar flares), lightning, and all forms of power surges.



### Military Tested

Military Tests Include:  
 MIL-STD-188-125-1  
 MIL-STD-464C  
 MIL-STD-651G  
 RS105

### 100% Lightning Protection

Our vehicle model is backed with a 100% lightning guarantee and \$25,000 in insurance should the device fail.



Intertek

Conforms To  
**UL STD 1449**

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## Vehicle Protection

EMPSHIELD Product Specifications	DC/12V/W
Phase:	Direct Current
Nominal System Voltage:	12V DC
Maximum Surge Per Circuit:	69kA (8-20 microseconds)
Short Circuit Current Rating:	10kA
Nominal Discharge Current:	69kA (8-20 microseconds)
NEMA Rating:	NEMA 4
Features:	LED Status Indication; DC Power Protection
For Maximum Wire Size:	12 AWG
For Use With:	Individual DC Equipment Power Box; Solar collection systems, and other DC power supplies
Frequency:	N/A
IP Rating Met:	IP66
Maximum Continuing Operating Voltage:	12V DC
Voltage Protection Rating	Pos - Neg 18V; Pos - Gnd 18V; Neg - GND 18V
Modes of Protection:	Pos - Neg; Pos - Gnd; Neg - Gnd
Mounting Style:	Individual DC Equipment Power Box; DC Circuit Breaker Enclosures; and DC Power Supplies
Number of Wires:	3
Dimensions	2-1/2" x 6-3/16" x 2-3/4"
Specification Met:	UL 1449; CE; IP66; MIL-STD-188-125-1; MIL-STD-461G; MIL-STD-464C; and RS105
Response Time:	< 1 nanosecond

FROM **\$399**

### THE WORLDS FIRST MILITARY TESTED VEHICLE EMP PROTECTION DEVICE

- EMP Shield is listed by the Department of Homeland Security.
- Certified by Keystone Compliance, one of the nations top military testing centers.
- One of the worlds fastest surge protectors operating at 500 trillionths of a second.
- Installs easily in 10 minutes directly to your vehicle battery
- Tested at 180% of the military standard; 90kV per square meter.



**CALL US**  
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