

PORTABLE EMS-PT50X & PT30X Surge Protection

Electrical Management System (EMS) helps to protect your RV against high and low voltage conditions, power surges and incorrectly wired shore power which can cause expensive damage to RV appliances and electronics. Improved design features include: state-of-the-art microprocessors, all weather shield assembly, rugged pull handle, secure locking bracket, built-in scrolling digital display and a tough Lexan® housing.

Sleek, portable design makes unit easy to use and store. Plug-and-play application. Designed for recreational vehicle use only.

Built-In Scrolling Digital Display

- Previous Error Code (PE)
- Normal Operating Condition (E 0)
- Reverse Polarity Protection (E 1)
- Open Ground Protection (E 2)
- Open Neutral Protection (no power through)
- High Voltage Protection (Line 1-E 3, Line 2-E 5)
- Low Voltage Protection (Line 1- E 3, Line 2 E 6)
- High Frequency Protection (E 7)
- Low Frequency Protection (E 8)
- Provides Amperage Usage Reading

Product Features:

- Weather Resistant/Designed for Outdoor Use
- Security Locking Bracket
- Rugged Pull Handle
- Tough Lexan® Housing
- All Weather Shield Assembly
- Lifetime Warranty (excludes All Weather Shield Assembly)
- Made in the USA

Product & Tech Specifications:

EMS-PT50X

Surge Protection: 5-Mode / 3,580J / 88,000A

Ratings: 50A / 120V/240V / 12,000W

Operating Temperatures: -40C to +105C

Product Dimensions with All Weather Shield Assembly Cover: 6" W x 18" H x 6 1/8" D

Box Dimensions: 6¼ " W x 18¼ " H x 5" D

Boxed Weight: 6 lbs

Mfr. Part #: EMS-PT50X

EMS-PT30X

Surge Protection: 3-Mode / 1,790J / 44,000A

Ratings: 30A / 120V / 3,600W

Operating Temperatures: -40C to +105C

Product Dimensions with All Weather Shield Assembly Cover: 6" W x 18" H x 6 1/8" D

Box Dimensions: 6¼ " W x 18¼ " H x 5" D

Boxed Weight: 5 lbs

Mfr. Part #: EMS-PT30X



Error & Caution Code Chart

ERROR & CAUTION CODES	
E 0	Normal Operating Condition
E 1	Reverse Polarity (hot [black] and neutral [white] wires reversed)
E 2	Open Ground (no ground [green, copper] wire connection)
E 3	Line 1 High Voltage (line voltage above 132V)
E 4	Line 1 Low Voltage (line voltage below 104V)
E 5	Line 2 High Voltage (line voltage above 132V) PT50X models only
E 6	Line 2 Low Voltage (line voltage below 104V) PT50X models only
Report ALL above codes [E 0 - E 6] to Campground Manager. Progressive Tech Support CANNOT help with these issues.	
E 7	Line Frequency High (line frequency above 69Hz)
E 8	Line Frequency Low (line frequency below 51Hz)
E 9	Data Link Down (Only HW units)
E10	Replace Surge Protector Module
Contact Progressive Industries Tech Support for [E 7 - 10] Error Codes.	

PTXECodesv2

WARNING: Product is intended to be used in the upright position (not laying on the ground).