



ECM-30

Electrical Control Module



ECM-30

Features

ECM-30

- Single 30A Outlet
- Manual/Auto On/Off Switch
- Incoming AC Present LED
- Active and AC Fault LEDs
- Clamping Spike & Surge Suppression EVS Circuitry

General Description

The Atlas Power ECM-30 is an Electrical Control Module (ECM) 30A Power Conditioner and AC Spike Suppressor that is designed to be used as a stand-alone unit or in conjunction with an ECS-6RM Controller up to 1000ft away. The ECM-30 features electrical suppression circuitry that can suppress up to 6kV or 3000A voltage spikes. Additionally the unit features Extreme Voltage Shutdown (EVS) when used in conjunction with an ECS-6RM controller. This enables the unit to be shut off during High or Low AC line conditions in order to protect electronics plugged into the unit. Unit must be used in conjunction with either the ECM-RACEWY1, EMC-RACEWY3, or ECM-RACEWY6 mechanical, rack mountable housing.

Specifications

ECM-30

Current Rating	30 Amps
Operating Voltage	102-132VAC
Minimum Spike Clamping Voltage	460 VRMS @ 3000A
Maximum Spike Clamping Voltage	6,000V
Power Consumption	.5 Watts
Power Requirements	120V 60Hz
Height	3.0" (76.2mm)
Length	8.5" (215.9mm)
Depth	3.5" (88.9mm)
Weight	1.25 lbs. (.68 kg)
Certifications	MET (UL 1449)

Architect and Engineer Specifications

Sequencing power module shall be Atlas Sound model ECM-30. Sequencing power module shall have 1, 30A outlet. Sequencing power module shall include AC surge and spike protection technology. Sequencing power module shall have a manual bypass switch and LEDs indicating Incoming AC, Active, and AC Fault. Units shall be designed to work with Atlas Power raceway units: ECM-RACEWY6, ECM-RACEWY3, or ECM-RACEWY1 for connecting to AC Mains power. Finish shall be textured black epoxy and dimensions shall be 8.5"W x 3.5"D x 3"H (215.9mm x 88.9mm x 76.2mm).

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