



RACGUARD

Rackmount Surge Protection Products

EFI's RacGuard family of surge suppressors provide the optimum protection for your Telecom, MIS and other equipment connected to a 19" rack cabinet. The RacGuard surge suppressors feature state-of the art technology including sine wave tracking, multi-state hybrid circuits, LED diagnostics, noise filtration and thermal fusing. EFI's RacGuard is made in the USA and quality is assured with lifetime product replacement and 5 year connected equipment warranty.



SUPERIOR PERFORMANCE

The RacGuard surge suppressors provide a choice of protection levels up to 1295 joules and load currents of 15 or 20 amps. EFI's patented Sine Wave Tracker technology provides unparalleled protection against surges by providing a remarkably tight let-through (clamping) voltage envelope for your connected equipment.

SAFETY

EFI's RacGuard is engineered to be the industries safest surge protection device. The thermal fuse offers fail-safe shutoff which safely stops power in the event of a sustained overvoltage or suppressor failure.

EASY INSTALLATION

The RacGuard surge suppressors mount quickly to all standard 19" racks. With a 15 foot power cord, the RacGuard can be mounted in any position within the cabinet and still have sufficient cord length to reach distant receptacles. The 10 outlet RacGuard provides traditional receptacle spacing while the receptacles in the 8 outlet RacGuard are spaced for transformer plugs.

FEATURES	ADVANTAGES	BENEFITS
19" Rack Panel Switch Guard* Sine Wave Tracker Circuitry	Quickly mounts to any 19" rack cabinet Protects ON/OFF switch Suppresses transients closer to the sine wave	Eliminates costly customization delays and long lead times Prevents accidental shutdown Improves protection to all connected equipment

*Select models

RacGuard Product Specifications

MODELS AVAILABLE

R-515ES(TL*)8, R-2515ES8, R-515ES(TL*)10,
R-2515ES10, R-1520ES8, R-15ES10,
R-20ES(TL*)10

PERFORMANCE [except R-15ES10, R-20ES(TL*)10]

Protection Modes L-N, L-G, N-G
UL 1449 TVSS Rating 330V


MECHANICAL DESCRIPTION

Dimensions See Figures
Housing Ratings Steel NEMA 1
Housing Color Black
Product Weight See Chart Below
Nominal Line Voltage 120V
Max Cont Operating Voltage 130V
Operating Frequency 50/60Hz
Thermal Fusing Yes
On/Off Switch Yes
Circuit Breaker Yes
Switch Guard Yes (except R-15ES10, R-1520ES10)
AC Outlet Type NEMA 5-15R
AC Cord Length 15ft

DIAGNOSTICS

Protection Working Green Status LED

SAFETY APPROVALS

 1449 2nd Edition

WARRANTY

Product 10 years
Downline See chart below

RACGUARD SURGE SUPPRESSORS

Model	R-515ES(TL*)8	R-2515ES8	R-515ES(TL*)10	R-2515ES10	R-15ES10	R-20ES(TL*)10
Weight	5 lbs	5 lbs	5.5 lbs	5.5 lbs	3.5 lbs	3.5 lbs
Load Capacity	15 Amp	15 Amp	15 Amp	15 Amp	15 Amp	20 Amp
No. of Outlets	8	8	10	10	10	10
Joule Rating	1,100	1,295	1,100	1,295	N/A	N/A
Total Surge Current	72 kA	84 kA	72 kA	84 kA	N/A	N/A
IEEE Clamping Cat A Ringwave	150 V	10 V	150 V	10 V	N/A	N/A
EMI/RFI Noise Attenuation	20 dB	60 dB	20 dB	60 dB	N/A	N/A
Downline Warranty	\$ 10,000	\$ 25,000	\$ 10,000	\$ 25,000	N/A	N/A
Dimensions	Figure 1	Figure 1	Figure 2	Figure 2	Figure 3	Figure 4

*Available with Twist Lock Plug Option

FIGURE 1
8 OUTLET, 15A RACKMOUNT

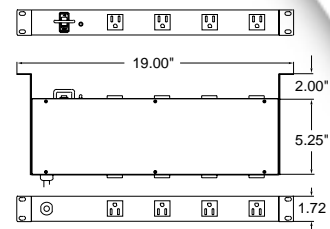


FIGURE 2
10 OUTLET, 15A RACKMOUNT

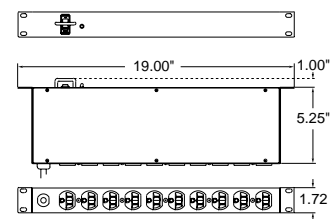


FIGURE 3
10 OUTLET, 15A RACKMOUNT

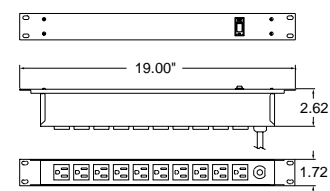
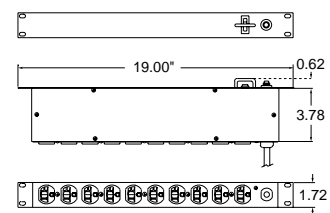


FIGURE 4
10 OUTLET, 20A RACKMOUNT



EFI Electronics Corporation
1-800-877-1174
efinet.com