



RKBS20ST6F12R RACKMOUNT SURGE PROTECTOR



Industrial rack mount surge protectors designed to safeguard computer systems and networking equipment.

Engineered for the most demanding applications, the professional-grade Rackbar™ Surge RKBS20ST6F12R from CyberPower safeguards systems and networking equipment by absorbing spikes in energy caused by storms and electrical power surges. Designed for network environments, the RKBS20ST6F12R also performs superbly for home office use, providing 1800 joules of protection, 20-amp electrical capacity with circuit breaker, and 18 surge-protected outlets (6 front, 12 rear). Industrial-grade metal housing keeps this Rackbar performing flawlessly. Two sets of mounting brackets provide flexible installation options: 1U rackmount (19 in.); 0U vertical rackmount and under-counter configurations.

Features of the RKBS20ST6F12R include an EMI/RFI noise filter, LED status indicators, industrial-grade metal housing, AC power cord (15 ft.), twist lock plug, and a cord retention tray. The RKBS20ST6F12R also comes with a Limited Lifetime Warranty and a Connected Equipment Guarantee.

TYPICAL APPLICATIONS

- Servers
- Network Devices
- Telecom Equipment
- Home Office

FEATURES

- Surge suppression: 1800 J
- Volts: 120 V
- Circuit breaker: 20 A
- Plug type: NEMA L5-20P (twist lock)
- Outlet type: 18 NEMA 5-20R (6 front, 12 rear)
- Surge-protected outlets: Yes
- Power cord: 15 ft
- Rack size: 1U rackmount
- EMI/RFI Filtration: Yes
- Warranty: Limited Lifetime
- Connected Equipment Guarantee: \$150,000

SPECIFICATIONS

INPUT	
Cord Length	15 ft. (4.6 m)
Input Frequency Range	50 Hz - 60 Hz
Input Plug Type	NEMA L5-20P (twist lock)
Maximum Input Current	20A
Plug Style	Straight

OUTPUT	
Nominal Output Voltage	120 VAC
Outlet Type	18 x NEMA 5-20R
Outlets - Front	6
Outlets - Rear	12
Outlets - Total	18
Overload Protection	20A

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SPECIFICATIONS CONT.

SURGE PROTECTION & FILTERING	
Attenuation	50 dB
Clamping Voltage	400 V (H-N) 500 V (H-G, N-G)
EMI/RFI Filtration	Yes
Maximum Surge Current	90,000 A
Maximum Surge Current H-G	30,000 A
Maximum Surge Current H-N	30,000 A
Maximum Surge Current N-G	30,000 A
Maximum Surge Voltage	6,000 V
Response Time	<1 Nanosecond
Surge Suppression (Joules)	1800 J
MANAGEMENT & COMMUNICATIONS	
LED Indicators	Power On (green) Grounded (green)
PHYSICAL	
Adjustable Mounting Brackets	2 sets (1 Short, 1 Long)
Color	Black
Cord Retention Tray Cord Organizers	Yes
External Site Ground Pin	Yes
Form Factor Supported	1U Rackmount 0U Vertical Rackmount Undercounter Installation
Material of Construction	Metal
Rack Height	1U

DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	44.45 x 4.45 x 5.72 cm
Physical Dimensions - Width/Height/Depth (mm)	445 x 44 x 57 mm
Physical Dimensions - Width/Height/Depth (in.)	17.5 x 1.75 x 2.25 in.
Weight (kg)	2.23 kg
Weight (lbs.)	4.92 lbs.
Country of Origin	China
SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	17.93 x 16.97 x 51.13 cm
Shipping Dimensions - Width/Height/Depth (mm)	179.32 x 169.67 x 511.3 mm
Shipping Dimensions - Width/Height/Depth (in.)	7.06 x 6.68 x 20.13 in.
Shipping Weight (kg)	3.17 kg
Shipping Weight (lbs.)	7.0 lbs.
ENVIRONMENTAL	
Operating Elevation	0 to 10,000 ft / 3,048 m
Operating Relative Humidity	0% to 95% non-condensing
Operating Temperature	32°F to 95°F / 0°C to 35°C
Storage Elevation	0 to 50,000 ft / 15,239 m
Storage Temperature	5°F to 113°F / -15°C to 45°C
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL1363
WARRANTY	
CEG Amount	\$150,000
Connected Equipment Guarantee	Lifetime
Product Warranty	Limited Lifetime Warranty