

MXPOWER™

INSPIRING TRUST



1

Easy Diagnostic Indicators

- Indicates over/under voltage, over current, ground and Line/Neutral issues
- Simplifies power problem-solving

2

Real-Time Current & Voltage Display

- Provides overload warning to prevent power interruptions
- Indicates the combined current consumption of all connected equipment
- Indicates the input voltage



X3 MOV Patented Technology

5 MOVs

- Protect against extreme surges and spikes
- Unique square shaped X3 MOV provides 27% more capacity than regular MOV
- Parallel X3 MOV enhances the lifespan of the MOVs and equipment

Ceramic Casing

- Prevents fire and electrical hazards
- Provides higher temperature resistance and faster heat dissipation than regular MOV

Dual Thermal Fuse Protection

- Provides extra security and protection

3

Smart Controller

- Measures in real time the current and voltage
- Provides load and short-circuit protection
- Provides over and under-voltage protection
- Protects from in-rush current
- Extends the lifespan of MOVs
- Protects against ground interrupt

MXPOWER
PROTECTS AGAINST
FIVE MAJOR POWER
DISTURBANCES

VOLTAGE DIPS
(SAGS OR BROWNOUTS)

SUSTAINED
OVER-VOLTAGES

POWER SURGES/SPIKES
(LIGHTNING STRIKES,
LOAD SWITCHING,
STATIC DISCHARGE)

BLACKOUTS

ELECTROMAGNETIC AND RADIO
FREQUENCY INTERFERENCES

THE ENHANCED PROTECTION AND BETTER DIAGNOSTICS OFFERED BY OUR SURGE PROTECTORS ENABLE BUSINESSES TO:

- Improve reliability and increase equipment operating life
- Reduce returns and "no problem found" service calls
- Enhance operations and reduce business downtime

4

Symmetrical High-Performance EMI Filtering

- Suppresses noise to improve operating performance

5

Network & Tel/Fax Protection

- Protects against surges
- Ensures maximum signal consistency and reliable connections
- Protects from electromagnetic and radio-frequency interferences

20 Amp model shown.



6

Innovative Design

- Multiple Outlet orientation for ease of use
- 6-ft power cord, 60° flexible articulation

WARRANTY

- Limited lifetime device warranty
- Connected equipment protection limited lifetime warranty up to \$25,000 USD.

TECHNICAL SPECIFICATIONS

	SP 15A	SP 20A
Line Voltage	120 V AC, 60 Hz	120 V AC, 60 Hz
Maximum Continuous Current	15A RMS	20A RMS
Over-Voltage Limit	140 V	140 V
Under-Voltage Limit	85 V	85 V
Single-Pulse Energy Dissipation	6480 J	6480 J
UL Clamping Voltage	330 V for L-N	330 V for L-N
	500 V for L-G	500 V for L-G
	500 V for N-G	500 V for N-G
Over-Current Limit	15A	20A
EMI/RFI Noise Filtration	75 dB (150 kHz - 100 MHz)	75 dB (150 kHz - 100 MHz)
Thermal Fusing	Yes	Yes
Peak-Impulse Current	432,000 A	432,000 A
Protection Modes	L-N, L-G, N-G	L-N, L-G, N-G
Under-/Over-Voltage Response Time	700 ms	700 ms
Microprocessor Based	Yes	Yes