

**PROTECT YOUR VALUABLE APPLIANCES FROM VOLTAGE FLUCTUATIONS**



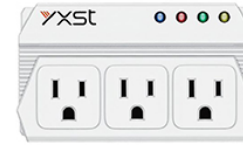
## American Series:

**Main Market:** Latin American Market

### Feature:

1. Fireproof PC case: Good heat resistance, with excellent performance from fire extinguish, much safer for home use;
2. High Quality Relay: The protector can have better output capacity, and prolong the service life of the protector;
3. Varistor: The whole series are added with proper varistor, which could add the surge protection function to the protector;
4. Copper: High quality copper pins and copper parts, more safe and durable;
5. Microprocessor control: better accuracy and faster reaction.

### Protect Your:



<b>M010-1</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	30s or 3 min
Output Capacity:	15A
Packing:	Double Blister
Warranty:	1 Year



<b>M010-2</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	30s or 3 min
Output Capacity:	15A
Packing:	Double Blister
Warranty:	1 Year



<b>M010-3</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	30s or 3 min
Output Capacity:	15A
Packing:	Double Blister
Warranty:	1 Year



<b>N003-1S</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Delay Time:	5s or 210s
Output Capacity:	15A, 1800W
Packing:	Double Blister
Warranty:	1 Year



<b>N003-2S</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Delay Time:	5s or 210s
Output Capacity:	15A, 1800W
Packing:	Double Blister
Warranty:	1 Year



<b>N004</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	30s or 3 min
Output Capacity:	12A, 1440W
Packing:	Double Blister
Warranty:	1 Year



<b>N006</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	15A, 1800W
Packing:	Double Blister
Warranty:	1 Year



<b>N006-20</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W
Packing:	Double Blister
Warranty:	1 Year



<b>N008-120</b>	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V-105V adjustable
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W
Packing:	Double Blister
Warranty:	1 Year



N008-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	170V~197V adjustable
Over Voltage Cut-off:	265V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	20A, 4400W
Packing:	Double Blister
Warranty:	1 Year



N010	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	140 Joules
Delay Time:	30s or 3 min
Output Capacity:	12A, 1440W
Packing:	Double Blister
Warranty:	1 Year



N013	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V~110V adjustable
Over Voltage Cut-off:	120V~145V adjustable
Surge Protection:	140 Joules
Delay Time:	5s~180s adjustable
Output Capacity:	13A
Packing:	Double Blister
Warranty:	1 Year



N011-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V~115V adjustable
Over Voltage Cut-off:	125V~115V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 3600W
Packing:	Double Blister
Warranty:	1 Year



N011-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	170V~220V adjustable
Over Voltage Cut-off:	220V~220V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 6000W
Packing:	Double Blister
Warranty:	1 Year



N019-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Delay Time:	3 min
Output Capacity:	30A, 3600W
Packing:	Double Blister
Warranty:	1 Year



N017-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	410 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W
Packing:	Double Blister
Warranty:	1 Year



N017-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	265V AC
Surge Protection:	410 Joules
Delay Time:	3 min
Output Capacity:	20A, 4400W
Packing:	Double Blister
Warranty:	1 Year



N018-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Surge Protection:	410 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W
Packing:	Double Blister
Warranty:	1 Year



N019-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	180V AC
Over Voltage Cut-off:	264V AC
Delay Time:	3 min
Output Capacity:	30A, 6000W
Packing:	Double Blister
Warranty:	1 Year



N020-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V~115V adjustable
Over Voltage Cut-off:	125V~145V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 3600W
Packing:	Double Blister
Warranty:	1 Year



N020-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	165V~210V adjustable
Over Voltage Cut-off:	230V~265V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 6000W
Packing:	Double Blister
Warranty:	1 Year



N018-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	165V AC
Over Voltage Cut-off:	265V AC
Surge Protection:	410 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W / 20A, 4400W
Packing:	Double Blister
Warranty:	1 Year



N015	
Operating Voltage:	120V AC / 220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC / 165V AC
Over Voltage Cut-off:	140V AC / 255V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W / 20A, 4400W
Packing:	Double Blister
Warranty:	1 Year



N024S	
Operating Voltage:	120V AC / 220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC / 165V AC
Over Voltage Cut-off:	140V AC / 255V AC
Surge Protection:	140 Joules
Delay Time:	3 min
Output Capacity:	20A, 2400W / 20A, 4400W
Packing:	Double Blister
Warranty:	1 Year



N021-120	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V~115V adjustable
Over Voltage Cut-off:	125V~145V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 3600W
Packing:	Double Blister
Warranty:	1 Year



N021-220	
Operating Voltage:	220V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	165V~210V adjustable
Over Voltage Cut-off:	230V~265V adjustable
Surge Protection:	330 Joules
Delay Time:	3 min-5 min adjustable
Output Capacity:	30A, 6000W
Packing:	Double Blister
Warranty:	1 Year



N016	
Operating Voltage:	120V AC
Operating Frequency:	50Hz-60Hz
Under Voltage Cut-off:	90V AC
Over Voltage Cut-off:	140V AC
Delay Time:	3 min
Output Capacity:	15A, 1800W
Packing:	Double Blister
Warranty:	1 Year