

SOLAHD Power Protection and UPS



RoHS Compliant This product is RoHS compliant.

MCR PORTABLE SERIES - POWER LINE CONDITIONING WITH VOLTAGE REGULATION

The MCR and MPC provide excellent noise filtering and surge protection to protect connected equipment from damage, degradation or mis operation. Combined with the excellent voltage regulation inherent to SOLAHD's patented ferroresonant design, they can increase the actual Mean Time Before Failure (MTBF) of protected equipment.

These units are a perfect choice where dirty power caused by impulses, swell, sags, brownouts and waveform distortion can lead to costly downtime because of damaged equipment.

Features:

- Noise attenuation:
 - 120dB common mode
 - 60dB transverse mode
- Harmonic filtering
- Point-of-use Protection:
 - Cord & Plug Connected
 - Easy & Flexible Installation
- No maintenance required
- Surge suppression tested to ANSI/IEEE C63.41 Class A & B Waveform: <10V let through typical
- Galvanic isolation provides exceptional circuit protection
- ±3% output voltage regulation
- ±3% output voltage regulation

Applications:

- Computers/ Printers
- Laboratory equipment
- POS terminals
- Telephone/FAX systems
- Security systems
- LAN networks



RoHS Compliant



For quantities of 2 and up, call for quote.

MOUSER STOCK NO.	SOLAHD Part No.	VA	Voltage Input/Output	Dimensions: in.			Weight (lbs.)	Receptacle (No.)/ Type (NEMA)	Plug (NEMA)	Price Each
				H	W	D				
Group A - MCR Portable Series, 60Hz										
663-63-13-070-6	63-13-070-6	70	120	6	7	9	18	(4) 5-15R	5-15P	272.48
663-63-13-115-6	63-13-115-6	150	120	6	7	9	21	(4) 5-15R	5-15P	436.10
663-63-13-150-6	63-13-150-6	500	120	9	9	16	32	(4) 5-15R	5-15P	770.55
663-63-13-210-6	63-13-210-6	1000	120	9	9	16	69	(4) 5-15R	5-15P	1183.01

MCR HARDWIRED SERIES - POWER LINE CONDITIONING WITH VOLTAGE REGULATION

The MCR Hardwired Series provides excellent noise filtering and surge protection to safeguard connected equipment from damage, degradation, or misoperation. Combined with the excellent voltage regulation inherent to SOLAHD's patented ferroresonant design, the MCR can increase the actual Mean Time Before Failure (MTBF) of protected equipment. The MCR is a perfect choice where dirty power, caused by impulses, swell, sags, brownouts, and waveform distortion can lead to costly downtime because of damaged equipment.

Features:

- ±3% output voltage regulation
- Noise attenuation:
 - 120dB common mode
 - 60dB transverse mode
- Harmonic filtering
- Hardwired
- Galvanic isolation provides exceptional circuit protection
- 25 year typical MTBF
- Surge suppression tested to ANSI/IEEE C63.41 Class A & B Waveform: <10 V let through typical

Applications:

- Machine Tools
- Robotics
- Computer loads & electronic equipment
- Semiconductor fabrication equipment

For quantities of 2 and up, call for quote.



RoHS Compliant



MOUSER STOCK NO.	SOLAHD Part No.	VA	Input Voltage	Output Voltage	Dimensions: in.			Weight (lbs.)	Price Each
					H	W	D		
663-63-23-112-4	63-23-112-4	120	120, 208, 240, 480	120	9	4	5	15	377.78
663-63-23-125-4	63-23-125-4	250	120, 208, 240, 480	120	10	5	8	27	483.46
663-63-23-150-8	63-23-150-8	500	120, 208, 240, 480	120, 208, 240	13	8	7	37	720.41
663-63-23-210-8	63-23-210-8	1000	120, 208, 240, 480	120, 208, 240	17	8	7	62	1095.29

STF SERIES - ACTIVE TRACKING® FILTERS

The STF Series offers the original active tracking technology to guard against common occurring, but very damaging, lower energy transients. Offering excellent noise reduction, the filter continuously tracks the input AC power line and responds instantly upon detecting extraneous high frequency noise. These devices are designed to meet UL 1283, and CSA C22.2 for Electromagnetic Interference Filters. STFs attenuate or reduce the amplitude of noise to a minimum of 40dB that occurs in a frequency range of 50KHz to 50MHz. STFs provide the industry's best IEEE Category "A" protection, typically reducing normal mode transients to ±5 Volts.

Features:

- Non degrading, series filter technology for total durability
- High Frequency Noise Filter, RLC low-pass filter
- Single phase applications up to 30A
- Three phase applications up to 200A
- Operating Temperature from -40°C to +45°C
- Hardwired connection
- UL1283 Listed or recognized CSA
- Attenuates noise to 40dB in range of 50KHz to 50MHz
- Ten year warranty



RoHS Compliant

Applications:

- Branch/control panels
- Factory Automation Installations
- Point of Use industrial service equipment
- Telecommunications equipment

For quantities of 2 and up, call for quote.



MOUSER STOCK NO.	SOLAHD Part No.	Fig.	Amps	Min. Wire Size	Fuse/Circuit Suggest	Breaker Amp Max	Price Each
663-STF0025-10N	STF0025-10N	A	2.5	26	2.5	3.125	92.88
663-STF0050-10N	STF0050-10N	A	5	22	5	6.25	116.15
663-STF0075-10N	STF0075-10N	A	7.5	18	7.5	9.375	154.87
663-STF0150-10N	STF0150-10N	A	15	14	15	18.75	259.88
663-STF0025-24L	STF0025-24L	A	2.5	26	2.5	3.125	119.51
663-STF0050-24L	STF0050-24L	A	5	22	5	6.25	182.59
663-STF0075-24L	STF0075-24L	A	7.5	18	7.5	9.375	241.01
663-STF0150-24L	STF0150-24L	A	15	14	15	18.75	392.98
663-STF0150-10Y	STF0150-10Y	B	15	14	15	18.75	691.85
663-STF0300-10Y	STF0300-10Y	B	30	10	30	37.5	1117.01
663-STF0500-10Y	STF0500-10Y	C	50	4	50	62.5	1439.75
663-STF1000-10Y	STF1000-10Y	C	100	2	100	125	2875.75
663-STF0150-24D	STF0150-24D	B	15	14	15	18.75	691.85
663-STF0300-24D	STF0300-24D	B	30	10	30	37.5	1117.01
663-STF0500-24D	STF0500-24D	C	50	4	50	62.5	1714.22
663-STF1000-24D	STF1000-24D	C	100	2	100	125	2875.75
663-STF0150-27Y	STF0150-27Y	B	15	14	15	18.75	862.70
663-STF0300-27Y	STF0300-27Y	B	30	10	30	37.5	1460.63
663-STF0500-27Y	STF0500-27Y	C	50	4	50	62.5	2212.71
663-STF1000-27Y	STF1000-27Y	C	100	2	100	125	3716.89
663-STF0150-48D	STF0150-48D	B	15	14	15	18.75	862.70
663-STF0300-48D	STF0300-48D	B	30	10	30	37.5	1460.63
663-STF0500-48D	STF0500-48D	C	50	4	50	62.5	2212.71
663-STF1000-48D	STF1000-48D	C	100	2	100	125	3716.89

S3K LINE INTERACTIVE UNINTERRUPTIBLE POWER SYSTEMS

Features:

- Mini-tower design for control cabinet installation
- AVR protection-saves battery power for deep voltage sag situations
- Sine wave output
- User replaceable, "hot swappable" batteries
- RS-232 communications port
- Built in surge protection
- Cold start capability (DC power on)
- Telephone/Modem spike protection
- 50/60Hz auto sensing
- Fully digitized, microprocessor controlled
- Protects against most adverse power conditions:
 - Frequency variations - Surge
 - Spike - Sags
 - Blackouts - Over and under voltages
- Two year warranty

Applications:

- Applications: PC's, file servers, LAN equipment, retail POS equipment, telecommunications, modems

For quantities of 2 and up, call for quote.



MOUSER STOCK NO.	SOLAHD Part No.	Capacity VA/W	Typical Back-up Time Full/Half Load	Volts, Frequency In/Out	Plugs/Receptacles	Price Each
663-S3K700	S3K700	700/480	5/14 minutes	120/120, 50/60Hz	5-15P / (4) 5-15R	542.87
663-S3K1000	S3K1000	1000/750	4/13 minutes	120/120, 50/60Hz	5-15P / (4) 5-15R	753.69
663-S3K1600	S3K1600	1600/1200	3/10 minutes	120/120, 50/60Hz	5-15P / (6) 5-15R	865.42