

# Automatic Voltage Stabilizer MCT Series 3KVA - 1 MVA



- Microprocessor controlled for precise monitoring and output control
- Multi-Stage-Fail-Safe design to achieve redundancy and reliability
- No Sliding Electrical Contacts achieving long term reliability
- High system efficiency
- Fast correction time for output , < 0.1 Sec
- Built-in automatic bypass
- Modular system design ease maintenance
- Individual phase control for individual load handling (for 3MCT Series)
- Intelligent soft-start to regulate the output
- Built-in cascading-transformer protection
- Optional - Isolation transformer for output
- Optional EMI filter for noise filtering



# Automatic Voltage Stabilizer

## MCT Series

### Technical Specification

Model	Rating, KVA	Phase	INPUT			OUTPUT			Accessories and display	Dimension (WxDxH) mm	Weight Kg
			Nominal Voltage, VAC	Range, -VE	Range, +VE	Nominal Voltage, VAC	Range, +/-	Current, A			
MCT-5K	5	1	240	10%	10%	240	2%	21	c/w Analog Output Voltmeter, Input Breaker & Phase + Bypass Indicator	400 x 270 x 400	28
MCT-7.5K	7.5	1	240	10%	10%	240	2%	32	c/w Analog Output Voltmeter, Input Breaker & Phase + Bypass Indicator	500 x 320 x 500	45
MCT-10K	10	1	240	10%	10%	240	2%	42	c/w Analog Output Voltmeter, Input Breaker & Phase + Bypass Indicator	500 x 320 x 500	53
MCT-15K	15	1	240	10%	10%	240	2%	63	c/w Analog Output Voltmeter, Input Breaker & Phase + Bypass Indicator	500 x 320 x 500	73

Model	Rating, KVA	Phase	INPUT			OUTPUT			Accessories and display	Dimension (HxWxD) mm	Weight Kg
			Nominal Voltage, VAC	Range, -VE	Range, +VE	Nominal Voltage, VAC	Range, +/-	Current, A Per Phase			
3MCT-10K	10	3	415	10%	10%	415	2%	14	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	600 x 400 x 600	35
3MCT-15K	15	3	415	10%	10%	415	2%	21	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	600 x 400 x 600	45
3MCT-20K	20	3	415	10%	10%	415	2%	28	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	500 x 600 x 1000	50
3MCT-30K	30	3	415	10%	10%	415	2%	42	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	500 x 600 x 1000	65
3MCT-40K	40	3	415	10%	10%	415	2%	56	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	500 x 600 x 1000	85
3MCT-50K	50	3	415	10%	10%	415	2%	70	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	500 x 600 x 1000	100
3MCT-60K	60	3	415	10%	10%	415	2%	84	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	600 x 750 x 1200	120
3MCT-80K	80	3	415	10%	10%	415	2%	110	c/w Analog Output Voltmeter with selector switch, Input Breaker & Phase + Bypass Indicator	600 x 750 x 1200	150
3MCT-100K	100	3	415	10%	10%	415	2%	140	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	600 x 750 x 1200	210
3MCT-125K	125	3	415	10%	10%	415	2%	174	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	600 x 750 x 1200	250
3MCT-140K	140	3	415	10%	10%	415	2%	195	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	750 x 930 x 1600	280
3MCT-160K	160	3	415	10%	10%	415	2%	223	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	750 x 930 x 1600	300
3MCT-200K	200	3	415	10%	10%	415	2%	278	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	750 x 930 x 1600	400
3MCT-250K	250	3	415	10%	10%	415	2%	348	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	1000 x 750 x 1600	500
3MCT-300K	300	3	415	10%	10%	415	2%	418	c/w Analog Output Voltmeter with selector switch, Phase and Bypass Indicator	1000 x 750 x 1600	600

For higher power rating AVS, please refer to Neuropower.

• In the interests of continuous product improvement, all specifications are subject to change without notice.