

- High efficiency high reliability minnte extension
- Protections: Short circuit/Over load

- Air cool
- 2 years warranty



Model NO.	MS-15-5V	MS-15-12V	MS-15-15V	MS-15-24V	MS-15-48V
DC voltage	5V	12V	15V	24V	48V
Voltage tolerance	± 2%	± 1%	± 1%	± 1%	± 1%
Rated current	3A	1.25A	1A	0.7A	0.32A
Current range	0~3A	0~1.25A	0~1.0A	0~0.7A	0~0.32A
Rated power	15W	15W	15W	16.8W	15.36W
Ripple&noise	50mVP-P	50mVP-P	100mVP-P	100mVP-P	120mVP-P
DCc voltage adj.range	± 10%	± 10%	± 10%	± 10%	± 10%
Setup,rise time	200ms, 100ms, 20ms at full load				
Voltage adj.range	170~265VAC auto switch 254~375VDC 47~63Hz				
AC current	0.25A/230VAC				
Efficiency	74%	80%	81%	83%	83%
Inrush current	30A/230VAC				
Leakage current	<0.5mA/240VAC				
Over load	± 110% ~ ± 150%				
Working temp. Humidity	(-10℃~+60℃):20%~90%RH				
Protect temp. Humidity	(-20℃~+85℃):10%~95%RH				
Aseismicity	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
Withstand voltage	I/P-FG:1.5KVAC O/P-FG: 0. 5KVAC				
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100m 0hms/500VDC				
Safety standards	Compliance to UL 1012				
Emc standarvs	Compliance to EN55022 CLASSA				
Weight	0. 2Kg				
Dimension	120×50×31mm (L×W×H)				

Model NO.	MS-35-5V	MS-35-12V	MS-35-15V	MS-35-24V	MS-35-48V
DC voltage	5V	12V	15V	24V	48V
Voltage tolerance	± 1%	± 1%	± 1%	± 1%	± 1%
Rated current	7.0A	3.0A	2.4A	1.5A	0.8A
Current range	0~7A	0~3.0A	0~2.4A	0~1.5A	0~0.8A
Rated power	36W	36W	36W	36W	38.4W
Ripple&noise	75mVP-P	100mVP-P	100mVP-P	100mVP-P	150mVP-P
DC voltage adj.range	± 10%	± 10%	± 10%	± 10%	± 10%
Setup,rise time	200ms, 100ms, 20ms at full load				
Voltage adj.range	170VAC~265VAC auto switch 254~375VDC				
AC current	0. 65A/230VAC				
Efficiency	74%	81%	81%	83%	83%
Inrush current	cold start 36A 230VAC				
Leakage current	<0. 6mA/240VAC				
Over load	± 110% ~ ±				
Working temp. Humidity	(-10℃~+60℃):20%~90%RH				
Protect temp. Humidity	(-20℃~+85℃):10%~95%RH				
Aseismicity	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
Withstand voltage	I/P-FG:1.5KVAC O/P-FG: 0. 5KVAC				
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100m 0hms/500VDC				
Safety standards	Compliance to UL 1012				
Emc standarvs	Compliance to EN55022 CLASSA				
Weight	0. 2Kg				
Dimension	85×58×38mm (L×W×H)				



Model NO.	MS-50-5V	MS-50-12V	MS-50-15V	MS-50-24V	MS-50-48V
DC voltage	5V	12V	15V	24V	48V
Voltage tolerance	± 2%	± 1%	± 1%	± 1%	± 1%
Rated current	10A	4.2A	3.4A	2.1A	0.8A
Current range	0~10A	0~4.2A	0~3.4A	0~2.1A	0~1A
Rated power	50W	50.4W	51W	50.4W	50.4W
Ripple&noise	75mVP-P	100mVP-P	120mVP-P	120mVP-P	150mVP-P
DC voltage adj.range	± 10%	± 10%	± 10%	± 10%	± 10%
Setup, rise time	200ms, 100ms, 20ms at full load				
Voltage adj.range	170~265VAC auto switch 254~375VDC 47~63Hz				
AC current	0.65A/230VAC				
Efficiency	74%	81%	81%	83%	83%
Inrush current	36A/230VAC				
Leakage current	<0.5mA/240VAC				
Over load	± 110%~ ± 150%				
Working temp. Humidity	(-10℃~+60℃):20%~90%RH				
Protect temp. Humidity	(-20℃~+85℃):10%~95%RH				
Aseismicity	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
Withstand voltage	I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100m 0hms/500VDC				
Safety standards	Compliance to UL 1012				
Emc standarvs	Compliance to EN55022 CLASSA				
Weight	0.33Kg				
Dimension	99×97×36mm (L×W×H)				

Model NO.	MS-60-5V	MS-60-12V	MS-60-15V	MS-60-24V	MS-60-48V
DC voltage	5V	12V	15V	24V	48V
Voltage tolerance	± 2%	± 1%	± 1%	± 1%	± 1%
Rated current	12A	5A	4A	2.5A	1.25A
Current range	0~12A	0~5A	0~4A	0~2.5A	0~1.25A
Rated power	50W	50.4W	51W	50.4W	50.4W
Ripple&noise	100mVP-P	120mVP-P	120mVP-P	150mVP-P	150mVP-P
DC voltage adj.range	± 10%	± 10%	± 10%	± 10%	± 10%
Setup, rise time	200ms, 100ms, 20ms at full load				
Voltage adj.range	170~265VAC auto switch 254~375VDC 47~63Hz				
AC current	0.65A/230VAC				
Efficiency	74%	81%	81%	83%	83%
Inrush current	36A/230VAC				
Leakage current	<0.5mA/240VAC				
Over load	± 110%~ ± 150%				
Working temp. Humidity	(-10℃~+60℃):20%~90%RH				
Protect temp. Humidity	(-20℃~+85℃):10%~95%RH				
Aseismicity	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
Withstand voltage	I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100m 0hms/500VDC				
Safety standards	Compliance to UL 1012				
Emc standarvs	Compliance to EN55022 CLASSA				
Weight	0.33Kg				
Dimension	99×97×36mm (L×W×H)				

NOTE

- 1.All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.
2. Ripple&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.