MTS Series AC/DC Ultra-thin Power Supply

MTS	050	-	24	F	P	T
Series MTS	Output power		Output voltage	Input voltage/power Non:200-240VAC F:100-240VAC S:115/230VAC H:Input power≤150W 100-305VAC Input power≥200W 200-305VAC	Screw terminal connection Leonard: Not regular. P: quick-plug terminal Q: Vertical terminal	Q: Three anti coating

Features

- 12-15000W, Output 3.3-110VDC, full categories
  Universal AC input/Full range(86-264VAC, 115/230VDC)
  Withstand 300VAC surge input for 5 second
  150% peak load capability
  All-aluminum housing, dust proof, antiseptic treatment and damp proof. Suitable for harsh environment
  3 -M4 mounting hole installation (35-350W)
  Built-in Mounting hole in the case(200/350W)
  3 years warranty
  CE/ROHS

25W 35/50W 75W 100W 150W 200W 350W

Model No	MTS025	MTS035	MTS050	MTS075	MTS100	MTS150	MTS200	MTS350	MTS200-□S	MTS350-□S
Input Voltage	F:85-264VAC 120-373VDC						180-264VAC		90-132VAC 180-264VAC (Switching with built-in switch)	
Input current	0.6A/115VAC 0.4A/230VAC	0.95A/115VAC 0.56A/230VAC		1.4A/115VAC 0.85A/230VAC	1.9A/115VAC 1.2A/230VAC	3A/115VAC 2A/230VAC	2.2A/230VAC	3.4A/230VAC	4A/115VAC 2.2A/230VAC	6.8A/115VAC 3.4A/230VAC
Output Voltage Adjustment Range	±10%									
Surge current	44A/115VAC 60A/230VAC	45A/230VAC		65A/230VAC	50A/230VAC	45A/230VAC	Cold start: 60A/230VAC		60A/115VAC 60A/230VAC	
Overload Protection	Protection: Hiccup, recover automatically after the fault condition is removed									
Over Voltage Protection	Protection: Hiccup, recover automatically after the fault condition is removed									
Over temperature Protection	——					Shut down, recover automatically when the temperature back to normal.				
Safety Standards	60950-1、GB4943.1									
EMC Standards	EN55022(CISPR22)Class B;EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-1									
Dielectric strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC						I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
Operation temperature	-25~+60℃ (Please refer to derating curve)	-25~+70℃ (Please refer to derating curve)								
Dimension (W*H*D)(mm) Remark①	F001/ 96*60*27	F002/ 99*82*30		F003/ 99*97*30	F004/ 128*97*30	F005/ 160*96.5*30	F006/ 215*115*30	F007/ 215*115*30	F006/ 215*115*30	F007/ 215*115*30
Weight (Kg)	~0.136	~0.2		~0.2	~0.3	~0.3	~0.66	~0.76	~0.66	~0.76

Remark①: Please refer to 'Dimension diagram' for installation;
Remark②: Please ask sales for data sheet for detail specification.

25W

Model No.	Output	Tol.	R&N	Effi.
MTS025-3.3F	4.5A 3.3V	±2%	70mV	80%
MTS025-05F	5A/5V	±2%	80mV	80%
MTS025-12F	2.1A/12V	±1%	100mV	84%
MTS025-15F	1.7A/15V	±1%	100mV	84%
MTS025-24F	1.15A/24V	±1%	100mV	84%
MTS025-48F	0.5A/48V	±1%	120mV	85%
MTS025-3.3H	4.5A 3.3V	±2%	70mV	80%
MTS025-05H	5A 5V	±2%	80mV	80%
MTS025-12H	2.1A 12V	±1%	100mV	84%
MTS025-15H	1.7A 15V	±1%	100mV	84%
MTS025-24H	1.15A 24V	±1%	100mV	84%
MTS025-48H	0.5A 48V	±1%	120mV	85%
MTS025-3.3FT	4.5A 3.3V	±2%	70mV	80%
MTS025-05FT	5A 5V	±2%	80mV	80%
MTS025-12FT	2.1A 12V	±1%	100mV	84%
MTS025-15FT	1.7A 15V	±1%	100mV	84%
MTS025-24FT	1.15A 24V	±1%	100mV	84%
MTS025-48FT	0.5A 48V	±1%	120mV	85%
MTS025-3.3FP	4.5A 3.3V	±2%	70mV	80%
MTS025-05FP	5A/5V	±2%	80mV	80%
MTS025-12FP	2.1A/12V	±1%	100mV	84%
MTS025-15FP	1.7A/15V	±1%	100mV	84%
MTS025-24FP	1.15A/24V	±1%	100mV	84%
MTS025-48FP	0.5A/48V	±1%	120mV	85%

50W

Model No.	Output	Tol.	R&N	Effi.
MTS050-3.3F	10A/3.3V	±3%	80mV	80%
MTS050-05F	10A/5V	±2%	80mV	83%
MTS050-12F	4.2A/12V	±1%	120mV	86%
MTS050-15F	3.4A/15V	±1%	120mV	88%
MTS050-24F	2.2A24V	±1%	150mV	88%
MTS050-36F	1.45A/36V	±1%	200mV	89%
MTS050-48F	1.1A/48V	±1%	200mV	90%
MTS050-3.3H	10A 3.3V	±3%	80mV	80%
MTS050-05H	10A/5V	±2%	80mV	83%
MTS050-12H	4.2A/12V	±1%	120mV	86%
MTS050-15H	3.4A/15V	±1%	120mV	88%
MTS050-24H	2.2A24V	±1%	150mV	88%
MTS050-36H	1.45A/36V	±1%	200mV	89%
MTS050-48H	1.1A/48V	±1%	200mV	90%
MTS050-3.3FT	10A 3.3V	±3%	80mV	80%
MTS050-05FT	10A/5V	±2%	80mV	83%
MTS050-12FT	4.2A/12V	±1%	120mV	86%
MTS050-15FT	3.4A/15V	±1%	120mV	88%
MTS050-24FT	2.2A24V	±1%	150mV	88%
MTS050-36FT	1.45A/36V	±1%	200mV	89%
MTS050-48FT	1.1A/48V	±1%	200mV	90%

100W

Model No.	Output	Tol.	R&N	Effi.
MTS100-3.3F	11.5A/3.3V	±2%	100mV	86%
MTS100-05F	11.5A/5V	±2%	100mV	86%
MTS100-10H	10A/10V	±1%	120mV	88%
MTS100-12F	8.5A/12V	±1%	120mV	88%
MTS100-15F	7A/15V	±1%	120mV	88%
MTS100-24F	4.5A/24V	±1%	150mV	88%

35W

Model No.	Output	Tol.	R&N	Effi.
MTS035-05F	7A/5V	±2%	80mV	83%
MTS035-12F	3A/12V	±1%	120mV	86%
MTS035-15F	2.4A/15V	±1%	120mV	88%
MTS035-24F	1.45A/24V	±1%	150mV	88%
MTS035-05H	7A 5V	±2%	80mV	83%
MTS035-12H	3A 12V	±1%	120mV	86%
MTS035-15H	2.4A 15V	±1%	120mV	88%
MTS035-24H	1.45A 24V	±1%	150mV	88%
MTS035-05FT	7A 5V	±2%	80mV	83%
MTS035-12FT	3A 12V	±1%	120mV	86%
MTS035-15FT	2.4A 15V	±1%	120mV	88%
MTS035-24FT	1.45A 24V	±1%	150mV	88%
MTS035-05FP	7A/5V	±2%	80mV	83%
MTS035-12FP	3A/12V	±1%	120mV	86%
MTS035-15FP	2.4A/15V	±1%	120mV	88%
MTS035-24FP	1.45A/24V	±1%	150mV	88%
MTS035-05F-Q	7A 5V	±2%	80mV	83%
MTS035-12F-Q	3A 12V	±1%	120mV	86%
MTS035-15F-Q	2.4A 15V	±1%	120mV	88%
MTS035-24F-Q	1.45A 24V	±1%	150mV	88%

75W

Model No.	Output	Tol.	R&N	Effi.
MTS075-12	6A/12V	±1%	150mV	88%
MTS075-24	3.2A/24V	±1%	200mV	89%
MTS075-12H	6A 12V	±1%	50mV	88%
MTS075-24H	3.2A 24V	±1%	200mV	89%
MTS075-12T	6A 12V	±1%	150mV	88%
MTS075-24T	3.2A 24V	±1%	200mV	89%
MTS075H-05F	13A/5V	±2%	100mV	85%
MTS075-12P	6A/12V	±1%	150mV	88%
MTS075-24P	3.2A/24V	±1%	200mV	89%
MTS075-12-Q	6A/12V	±1%	150mV	88%
MTS075-24-Q	3.2A/24V	±1%	200mV	89%
MTS075H-05F	13A/5V	±2%	100mV	85%
MTS075H-12F	6A/12V	±1%	150mV	88%
MTS075H-15F	5A/15V	±1%	150mV	89%
MTS075H-24F	3.2A24V	±1%	200mV	89%
MTS075H-36F	2.1A/36V	±1%	200mV	89%
MTS075H-48F	1.6A/48V	±1%	200mV	90%
MTS075H-05FP	13A/5V	±2%	100mV	85%
MTS075H-12FP	6A/12V	±1%	150mV	85%
MTS075H-15FP	5A/15V	±1%	150mV	88%
MTS075H-24FP	3.2A/24V	±1%	200mV	89%
MTS075H-36FP	2.1A/36V	±1%	200mV	89%
MTS075H-48FP	1.6A/48V	±1%	200mV	90%
MTS075H-05F-Q	13A/5V	±2%	100mV	85%
MTS075H-12F-Q	6A/12V	±1%	150mV	85%
MTS075H-15F-Q	5A/15V	±1%	150mV	88%
MTS075H-24F-Q	3.2A/24V	±1%	200mV	89%
MTS075H-36F-Q	2.1A/36V	±1%	200mV	89%
MTS075H-48F-Q	1.6A/48V	±1%	200mV	90%
MTS075H-05FP	13A/5V	±2%	100mV	85%
MTS075H-12FP	6A/12V	±1%	150mV	88%
MTS075H-15FP	5A/15V	±1%	150mV	89%
MTS075H-24FP	3.2A24V	±1%	200mV	89%
MTS075H-36FP	2.1A/36V	±1%	200mV	89%
MTS075H-48FP	1.6A/48V	±1%	200mV	90%

100W

MTS100-36F	2.8A/36V	±1%	200mV	91%
MTS100-48F	2.3A/48V	±1%	200mV	91%
MTS100-3.3H	11.5A/3.3V	±2%	100mV	86%
MTS100-05H	11.5A/5V	±2%	100mV	86%
MTS100-12H	7A/15V	±1%	120mV	88%
MTS100-24H	4.5A/24V	±1%	150mV	88%
MTS100-36H	2.8A/36V	±1%	200mV	91%
MTS100-3.3FT	11.5A/3.3V	±2%	100mV	86%
MTS100-05FT	11.5A/5V	±2%	100mV	86%
MTS100-12FT	8.5A/12V	±1%	120mV	88%
MTS100-15FT	7A/15V	±1%	120mV	88%
MTS100-24FT	4.5A/24V	±1%	150mV	88%
MTS100-36FT	2.8A/36V	±1%	200mV	91%
MTS100-48FT	2.3A/48V	±1%	200mV	91%
MTS100-3.3FP	11.5A/3.3V	±2%	100mV	86%
MTS100-05FP	11.5A/5V	±2%	100mV	86%
MTS100-12FP	8.5A/12V	±1%	120mV	88%
MTS100-15FP	7A/15V	±1%	120mV	88%
MTS100-24FP	4.5A/24V	±1%	150mV	88%
MTS100-36FP	2.8A/36V	±1%	200mV	91%
MTS100-48FP	2.3A/48V	±1%	200mV	91%
MTS100-3.3F-Q	11.5A/3.3V	±2%	100mV	86%
MTS100-05F-Q	11.5A/5V	±1%	100mV	86%
MTS100-12F-Q	8.5A/12V	±1%	120mV	88%
MTS100-15F-Q	7A/15V	±1%	120mV	88%
MTS100-24F-Q	4.5A/24V	±1%	150mV	88%
MTS100-36F-Q	2.8A/36V	±1%	200mV	91%
MTS100-48F-Q	2.3A/48V	±1%	200mV	91%

150W

Model No.	Output	Tol.	R&N	Effi.
MTS150-4.5F	17A/4.5V	±2%	100mV	85%
MTS150-05F	17A/5V	±2%	100mV	85%
MTS150-12F	12.5A/12V	±1%	150mV	88%
MTS150-15F	10A/15V	±1%	150mV	89%
MTS150-24F	6.5A/24V	±1%	200mV	89%
MTS150-36F	4.3A/36V	±1%	200mV	89%
MTS150-48F	3.3A/48V	±1%	200mV	90%
MTS150-54F	2.8A/54V	±1%	200mV	91%
MTS150-60F	2.5A/60V	±1%	200mV	91%
MTS150-05H	17A/5V	±2%	100mV	85%
MTS150-12H	12.5A/12V	±1%	150mV	88%
MTS150-15H	10A/15V	±1%	150mV	89%
MTS150-24H	6.5A/24V	±1%	200mV	89%
MTS150-36H	4.3A/36V	±1%	200mV	89%
MTS150-48H	3.3A/48V	±1%	200mV	90%
MTS150-54H	2.8A/54V	±1%	200mV	91%
MTS150-60H	2.5A/60V	±1%	200mV	91%
MTS150-05FT	17A/5V	±2%	100mV	85%
MTS150-12FT	12.5A/12V	±1%	150mV	88%
MTS150-15FT	10A/15V	±1%	150mV	89%
MTS150-24FT	6.5A/24V	±1%	200mV	89%
MTS150-36FT	4.3A/36V	±1%	200mV	89%
MTS150-48FT	3.3A/48V	±1%	200mV	90%
MTS150-54FT	2.8A/54V	±1%	200mV	91%
MTS150-60FT	2.5A/60V	±1%	200mV	91%
MTS150-05FP	17A/5V	±2%	100mV	85%
MTS150-12FP	12.5A/12V	±1%	150mV	88%
MTS150-15FP	10A/15V	±1%	150mV	89%
MTS150-24FP	6.5A/24V	±1%	200mV	89%
MTS150-36FP	4.3A/36V	±1%	200mV	89%
MTS150-48FP	3.3A/48V	±1%	200mV	90%
MTS150-54FP	2.8A/54V	±1%	200mV	91%
MTS150-60FP	2.5A/60V	±1%	200mV	91%
MTS150-05F-Q	17A/5V	±2%	100mV	85%
MTS150-12F-Q	12.5A/12V	±1%	150mV	88%
MTS150-15F-Q	10A/15V	±1%	150mV	89%
MTS150-24F-Q	6.5A/24V	±1%	200mV	89%
MTS150-36F-Q	4.3A/36V	±1%	200mV	89%
MTS150-48F-Q	3.3A/48V	±1%	200mV	90%
MTS150-54F-Q	2.8A/54V	±1%	200mV	91%
MTS150-60F-Q	2.5A/60V	±1%	200mV	91%

200W

Model No.	Output	Tol.	R&N	Effi.
MTS200-3.3	40A/3.3V	±3%	150mV	85%
MTS200-4.2	40A/4.2V	±3%	150mV	87%
MTS200-05	40A/05V	±3%	150mV	85%
MTS200-12	17A/12V	±1.5%	150mV	87%
MTS200-15	14A/15V	±1%	150mV	87%
MTS200-24	8.8A/24V	±1%	150mV	88%
MTS200-36	5.8A/36V	±1%	200mV	89%
MTS200-48	4.4A/48V	±1%	200mV	90%
MTS200-05H	40A/5V	±3%	150mV	85%
MTS200-12H	17A/12V	±1.5%	150mV	87%
MTS200-15H	14A/15V	±1%	150mV	87%
MTS200-24H	8.8A/24V	±1%	200mV	88%
MTS200-36H	5.8A/36V	±1%	200mV	89%
MTS200-48H	4.4A/48V	±1%	200mV	90%
MTS200-05S	40A/5V	±3%	150mV	85%
MTS200-12S	17A/12V	±1.5%	150mV	87%
MTS200-15S	14A/15V	±1%	150mV	87%
MTS200-24S	8.8A/24V	±1%	150mV	88%
MTS200-36S	5.8A/36V	±1%	200mV	87%
MTS200-48S	4.4A/48V	±1%	200mV	89%
MTS200-05T	40A/5V	±3%	150mV	85%
MTS200-12T	17A/12V	±1.5%	150mV	87%
MTS200-15T	14A/15V	±1%	150mV	87%
MTS200-24T	8.8A/24V	±1%	200mV	88%
MTS200-36T	5.8A/36V	±1%	200mV	89%
MTS200-48T	4.4A/48V	±1%	200mV	90%
MTS200-05P	40A/5V	±3%	150mV	85%
MTS200-12P	17A/12V	±1.5%	150mV	87%
MTS200-15P	14A/15V	±1%	150mV	87%
MTS200-24P	8.8A/24V	±1%	150mV	88%
MTS200-36P	5.8A/36V	±1%	200mV	89%
MTS200-48P	4.4A/48V	±1%	200mV	89%
MTS200-05-Q	40A/5V	±3%	150mV	85%
MTS200-12-Q	17A/12V	±1.5%	150mV	87%
MTS200-15-Q	14A/15V	±1%	150mV	87%
MTS200-24-Q	8.8A/24V	±1%	200mV	88%
MTS200-36-Q	5.8A/36V	±1%	200mV	89%
MTS200-48-Q	4.4A/48V	±1%	200mV	90%

350W

Model No.	Output	Tol.	R&N	Effi.
MTS350-3.3	60A/3.3V	±3%	150mV	83.5%
MTS350-4.2	60A/4.2V	±3%	150mV	83.5%
MTS350-05	60A/5V	±3%	150mV	83.5%
MTS350-12	29A/12V	±1.5%	150mV	85%
MTS350-15	23.3A/15V	±1%	150mV	85%
MTS350-24	14.6A/24V	±1%	150mV	88%
MTS350-36	9.7A/36V	±1%	200mV	88.5%
MTS350-48	7.3A/48V	±1%	200mV	89%
MTS350-05H	60A/5V	±3%	150mV	83.5%
MTS350-12H	29A/12V	±1.5%	150mV	85%
MTS350-15H	23.3A/15V	±1%	150mV	85%
MTS350-24H	14.6A/24V	±1%	150mV	88%
MTS350-36H	9.7A/36V	±1%	200mV	88.5%
MTS350-48H	7.3A/48V	±1%	200mV	90%
MTS350-05S	60A/5V	±3%	150mV	83. 5%
MTS350-12S	29A/12V	±1.5%	150mV	85%
MTS350-15S	23.3A/15V	±1%	150mV	85%
MTS350-24S	14.6A/24V	±1%	150mV	88%
MTS350-36S	9.7A/36V	±1%	200mV	88.5%
MTS350-48S	7.3A/48V	±1%	200mV	89%
MTS350-05T	60A/5V	±3%	150mV	83.5%
MTS350-12T	29A/12V	±1.5%	150mV	85%
MTS350-15T	23.3A/15V	±1%	150mV	85%
MTS350-24T	14.6A/24V	±1%	150mV	88%
MTS350-36T	9.7A/36V	±1%	200mV	88.5%
MTS350-48T	7.3A/48V	±1%	200mV	90%
MTS350-05-Q	60A/5V	±3%	150mV	83.5%
MTS350-12-Q	29A/12V	±1.5%	150mV	85%
MTS350-15-Q	23.3A/15V	±1%	150mV	85%
MTS350-24-Q	14.6A/24V	±1%	150mV	88%
MTS350-36-Q	9.7A/36V	±1%	200mV	88.5%
MTS350-48-Q	7.3A/48V	±1%	200mV	90%