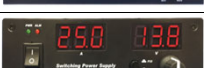


Switching Power Supply Short Form Catalog

Introduction:

Beside PoE, MSTronic also excellent in Switching Power Supply. Our cutting edge products are designed and manufactured to the highest International quality standards, are fully RoHS compliant and carry the CE/FCC mark. All products are aggressively priced and available with or without OEM marking, with very short lead times.

AC/DC Switching Power Supply- Desktop/ 19" 1U rack mountable

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions D x W x H	Certificate	Remark (Connection)
	MSR-1231AA	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Powerpoles x4 Rear: Powerpoles x4
	MSR-1231AB	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Powerpoles x4 Rear: Binding posts x2
	MSR-1231AT	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Powerpoles x4 Rear: Terminal block x1
	MSR-1231BA	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Binding posts x2 Rear: Powerpoles x4
	MSR-1231BB	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Binding posts x2 Rear: Binding posts x2
	MSR-1231BT	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: Binding posts x2 Rear: Terminal block x1
	MSR-1231MA	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V analog meter x2 Rear: Powerpoles x4
	MSR-1231MB	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V analog meter x2 Rear: Binding posts x2
	MSR-1231MT	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V analog meter x2 Rear: Terminal block x1
	MSR-1231DA	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Rear: Powerpoles x4
	MSR-1231DB	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Rear: Binding posts x2
	MSR-1231DT	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Rear: Terminal block x1
	MSR-1231DA+A	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Powerpoles x4 Rear: Powerpoles x4
	MSR-1231DB+A	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Powerpoles x4 Rear: Binding posts x2
	MSR-1231DT+A	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Powerpoles x4 Rear: Terminal block x1
	MSR-1231DA+B	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Binding Post x2 Rear: Powerpoles x4
	MSR-1231DB+B	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Binding Post x2 Rear: Binding posts x2
	MSR-1231DT+B	110V/240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: A/V digital meter x2 Binding Post x2 Rear: Terminal block x1
	MSR-1231NT	110V/240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD/RCM/POA	Front: None Rear: Terminal block x1

	MSE-1231AA	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Powerpoles x4 Rear: Powerpoles x4
	MSE-1231AB	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Powerpoles x4 Rear: Binding posts x2
	MSE-1231AT	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Powerpoles x4 Rear: Terminal block x1
	MSE-1231BA	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Binding posts x2 Rear: Powerpoles x4
	MSE-1231BB	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Binding posts x2 Rear: Binding posts x2
	MSE-1231BT	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: Binding posts x2 Rear: Terminal block x1
	MSE-1231MA	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V analog meter x2 Rear: Powerpoles x4
	MSE-1231MB	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V analog meter x2 Rear: Binding posts x2
	MSE-1231MT	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V analog meter x2 Rear: Terminal block x1
	MSE-1231DA	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Rear: Powerpoles x4
	MSE-1231DB	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Rear: Binding posts x2
	MSE-1231DT	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Rear: Terminal block x1
	MSE-1231DA+A	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Powerpoles x4 Rear: Powerpoles x4
	MSE-1231DB+A	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Powerpoles x4 Rear: Binding posts x2
	MSE-1231DT+A	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Powerpoles x4 Rear: Terminal block x1
	MSE-1231DA+B	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Binding Post x2 Rear: Powerpoles x4
	MSE-1231DB+B	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Binding Post x2 Rear: Binding posts x2
	MSE-1231DT+B	100-240VAC	4-16V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: A/V digital meter x2 Binding Post x2 Rear: Terminal block x1
	MSE-1231NA	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: none Rear: Powerpoles x4
	MSE-1231NB	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: None Rear: Binding posts x2
	MSE-1231NT	100-240VAC	13.8V	22A	303W	160 x 155 x 44	CE/FCC/LVD	Front: None Rear: Terminal block x1

AC/DC POWER SUPPLY - IP67 M12 WATERPROOF ADAPTER

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions	Certificate	Remark (Connection)
	MS-181-IP67-12	100-240VAC	12VDC	8.33A	100W	179*69*48	CE/FCC/RCM/LVD IEC60529	IP67 M12 Input: 3Pin Output: 5Pin
	MS-181-IP67-24	100-240VAC	24VDC	4.16A	100W	179*69*48	CE/FCC/RCM/LVD IEC60529	IP67 M12 Input: 3Pin Output: 5Pin
	MS-181-IP67-48	100-240VAC	48VDC	2.08A	100W	179*69*48	CE/FCC/RCM/LVD IEC60529	IP67 M12 Input: 3Pin Output: 5Pin
	MS-181-IP67-56	100-240VAC	56VDC	1.78A	100W	179*69*48	CE/FCC/RCM/LVD IEC60529	IP67 M12 Input: 3Pin Output: 5Pin

AC/AC Voltage Regular

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions	Certificate	Remark (Connection)
	MS-277-B	277VAC	220VAC	1.5A	400W	196 x 125 x 67	N/A	INPUT: terminal block x1 OUTPUT: universal outlet

DC UPS-Smart Battery Charger+Uninterrupted Power Supply

Model	Model No	Input Voltage	Output Voltage	Charge Current	Maximum Power	Dimensions	Certificate	remark
	MS-1210C	110V/240VAC	12VDC 12A	5A	210W	250 x 185 x 55	CE/FCC/RCM	
	MS-2410C	110V/240VAC	24VDC 8A	7.5A	210W	250 x 185 x 55	CE/FCC/RCM	
	MS-4806C	110V/240VAC	48VDC 4A	3.62A	210W	250 x 185 x 55	CE/FCC/RCM	

Battery Protector

Model	Model No	Cut-Off Voltage	Recover Voltage	Current Rating	Remote	Dimensions	Certificate	remark
	BP-1240A	10.2V/11V switchable	12.5VDC	40A	Yes	113 x 68 x 42	N/A	



Solar/PoE Battery Charger-Dual input+dual output

Model No.*	Input	Output 1: Terminal Output 2: PoE	Power	Output Connector	Dimensions	Standard	Certificate
MS-5012C-12	Solar: 18V~36V	Output 1: 12V/1.5A	18W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 18V~57V	Output 2: 12V/1A	12W	RJ45			
MS-5012C-18	Solar: 18V~36V	Output 1: 12V/1.5A	18W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 18V~57V	Output 2: 18V/1.67A	30W	RJ45			
MS-5012C-24	Solar: 18V~36V	Output 1: 12V/1.5A	18W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 18V~57V	Output 2: 24V/1.25A	30W	RJ45			
MS-5012C-48	Solar: 18V~36V	Output 1: 12V/1.5A	18W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 18V~57V	Output 2: 48V/0.63A	30W	RJ45			
MS-5024C-24C	Solar: 30~36V	Output 1: 24V/1.5A	36W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 36~57V	Output 2: 24V/1.0A	24W	RJ45			
MS-5024C-48C	Solar: 30~36V	Output 1: 24V/1.5A	36W	Mini Terminal Block	118 x 150 x 40	Non-802.3af	CE/FCC/RCM
	POE: 36~57V	Output 2: 48V/0.63A	30W	RJ45			
SOL10P12-24BNN	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	non-802.3af/at	N/A
	POE: 36~57V	Output 2: 24V/1.25A	30W	RJ45			
SOL10P12-48BNN	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	non-802.3af/at	N/A
	POE: 36~57V	Output 2: 48V/0.63A	30W	RJ45			
SOL10P12-56B1N	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 56V/0.63A	35W	RJ45			
SOL10P24-24BNN	Solar: 30~55V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 24V/1.25A	30W	RJ45			
SOL10P24-48BNN	Solar: 30~55V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 48V/0.63A	30W	RJ45			
SOL10P24-56B1N	Solar: 30~55V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 56V/0.63A	35W	RJ45			
SOL10A12-56B1N	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	AC: 100~240V	Output 2: 56V/0.63A	35W	RJ45			
SOL10A24-56B1N	Solar: 30~40V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	AC: 100~240V	Output 2: 56V/0.63A	35W	RJ45			
SOL20A12LFP-56B1N	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	AC: 100~240V	Output 2: 56V/0.63A	35W	RJ45			
SOL20A12LFP-56D2N	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	AC: 100~240V	Output 2: 56V/1.07A	60W	RJ45			
SOL20A24LFP-56B1N	Solar: 30~40V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	AC: 100~240V	Output 2: 56V/0.63A	35W	RJ45			

SOL40P12-56B1N	Solar: 18~45V	Output 1: 12V/10A	120W	Mini Terminal Block	230 x 160 x 42	802.3af/at	N/A
	POE: 36~57V	Output 2: 56V/0.63A	35W	RJ45			
SOL40P24-56B1N	Solar: 30~55V	Output 1: 24V/10A	240W	Mini Terminal Block	230 x 160 x 42	802.3af/at	N/A
	POE: 36~57V	Output 2: 56V/0.63A	35W	RJ45			

* SOL10P- series design for 10A solar Charge current

* SOL40P- series design for 40A solar Charge current

* U.S. Patent NO. 8421401



Solar/PoE Battery Charger-Dual input+Triple output

Model No.*	Input	Output 1: Terminal Output 2: PoE Output 3: PoE	Power	Output Connector	Dimensions	Standard	Certificate
SOL10P12-24BNN+24BNN	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	non-802.3af/at	N/A
	POE: 18~57V	Output 2: 24V/1.25A	30W	RJ45			
		Output 3: 24V/1.25A	30W	RJ45			
SOL10P12-48BNN+24BNN	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	non-802.3af/at	N/A
	POE: 18~57V	Output 2: 48V/0.63A	30W	RJ45			
		Output 2: 48V/0.63A	30W	RJ45			
SOL10P12-56B1N+24BNN	Solar: 18~25V	Output 1: 12V/10A	120W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 18~57V	Output 2: 56V/0.63A	35W	RJ45			
		Output 2: 48V/0.63A	30W	RJ45			
SOL10P24-24BNN+24BNN	Solar: 30~40V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 24V/1.25A	30W	RJ45			
		Output 3: 24V/1.25A	30W	RJ45			
SOL10P24-48BNN+24BNN	Solar: 30~40V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 48V/0.63A	30W	RJ45			
		Output 3: 24V/1.25A	30W	RJ45			
SOL10P24-56B1N+24BNN	Solar: 30~40V	Output 1: 24V/10A	240W	Mini Terminal Block	118 x 150 x 40	802.3af/at	N/A
	POE: 36~57V	Output 2: 56V/0.63A	35W	RJ45			
		Output 3: 24V/1.25A	30W	RJ45			

Solar/DC Battery Charger+PoE Switch -Dual input+Triple output

Model No.*	Input	Output 1: Terminal Output 2: PoE Output 3: PoE	Power	Output Connector	Dimensions	Standard	Certificate
SOL10D12LFP-SW4-56B1N	Solar: 18~25V	DC Output: 12V/3.5A-8A	42W-96W	Rear Terminal Block	180 x 150 x 40	802.3af/at	N/A
	DC (DIN 4P): 18V~57V, 3A minimum at @18V in	PoE Output 1: 56V	35W	RJ45 (left)			
		PoE Output 2: 56V		RJ45 (right)			
SOL10D24-SW4-56B1N-IP66	33-40VDC (Left Terminal Block)	DC Output: 24V/3A	70W	Right Terminal Block	180 x 150 x 40	802.3af/at	N/A
		PoE Output: 56V/port		4port RJ45			

* the PoE output =1x 802.3at or 2x 802.3af. Total 35W(Output 1+Output 2)

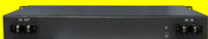


DC/DC Converter- For Vehicle

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions	Certificate	Remark
	MSC-121215	10-15VDC	12V	15A	180W	160 x 88 x 49	N/A	isolated
	MSC-121215R	10-15VDC	12V	15A	180W	160 x 88 x 49	N/A	isolated
	MSC-122410	10-15VDC	24V	10A	240W	160 x 88 x 49	N/A	non-isolated
	MSC-122430	10-15VDC	24V	30A	720W	122 x 207 x 57	N/A	non-isolated
	MSC-124803	10-36VDC	48VDC	3A	120W	150 x 187 x 43.6	N/A	non-isolated
	MSC-125601	10-15VDC	56VDC	1.25A	70W	133 x 75 x 38	N/A	isolated
	MSC-242403	18-36VDC	24V	2.5A	60W	133 x 75 x 38	N/A	non-isolated
	MSC-245601	24VDC	56VDC	1.08A	60W	133 x 75 x 38	N/A	isolated
	MSC-245605	24VDC	56VDC	5A	250W	150 x 187 x 43.6	N/A	isolated
	MSC-481205	36-72VDC	12V	5A	60W	133 x 75 x 38	N/A	isolated
	MSC-482403A	36-72VDC	24V	3A	72W	133 x 75 x 38	N/A	isolated
	MSC-485601	36-72VDC	56VDC	1.25A	70W	133 x 75 x 38	N/A	isolated
	MSC-484805	36-72VDC	48VDC	5A	250W	150 x 187 x 43.6	N/A	isolated/fanless
	MSC-7415	60V-80VDC	13.8V	15A	207W	150 x 90 x 50	N/A	isolated
	HK-002-9	15-72VDC	12V	1.25A	15W	46 x 33 x 24	N/A	non-isolated
	HK02-2405-USB	10-32VDC	5V (USB) (BC1.2)	2.4	12W	46 x 33 x 24	N/A	non-isolated
	HK03-241230HN	15-32VDC	5V +12V	3A +1.25A	30W	80 x 60 x 30	N/A	non-isolated
	HK04-241575HN	18-32VDC	15V	5A	75W	80 x 60 x 30	N/A	non-isolated
	HK05-120520HN	10-32VDC	5V	4A	20W	80 x 60 x 30	N/A	non-isolated

	HK06-240520HI	18-36VDC	5V	4A	20W	80 x 60 x 30	N/A	isolated
	HK06-240920HI	18-36VDC	9V	2.23A	20W	80 x 60 x 30	N/A	isolated
	HK06-241220HI	18-36VDC	12V	1.67A	20W	80 x 60 x 30	N/A	isolated
	HK06-241520HI	18-36VDC	15V	1.34A	20W	80 x 60 x 30	N/A	isolated
	HK06-241820HI	18-36VDC	18V	1.12A	20W	80 x 60 x 30	N/A	isolated
	HK06-242420HI	18-36VDC	24V	0.84A	20W	80 x 60 x 30	N/A	isolated
	HK06-244820HI	18-36VDC	48V	0.32A	20W	80 x 60 x 30	N/A	isolated
	HK07-721236HN	15-72VDC	12V	3A	36W	80 x 60 x 30	N/A	non-isolated
	HK08-301236HN	9-30VDC	12V	3A	36W	80 x 60 x 30	N/A	non-isolated
	HK08-301575MN	9-30VDC	15V	5A	75W	80 x 60 x 30	N/A	non-isolated
	HK09-242424HN	9-32VDC	24V	1A	24W	80 x 60 x 30	N/A	non-isolated
	HK11-153320HN	12-15VDC	3.3V	6A	20W	80 x 60 x 30	N/A	non-isolated
	HK12-305380HN	10-30VDC	53V	1.5A	80W	80 x 60 x 30	N/A	non-isolated

DC/DC Switching Power Supply- Rack Mount

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions	Certificate	Remark (Connection)
	MSC-485615	48VDC	56VDC	15A	750W	19" 1U RACK 431 x 190 x 44	N/A	isolated

DC/AC Inverter-DIN rail mounted

Model	Model No	Input Voltage	Output Voltage	Output Current	Maximum Power	Dimensions	Certificate	remark
	MSI-242402	18-36VDC	24VAC	2.08A	50W	133 x 75 x 38	N/A	

**IP66 water proof enclosure**

Model	Model No	I/O port	IP class	Dimensions
	MS-BOX66-L	6	IP66	267 x 88 x 160
	MS-BOX66-S	2	IP66	110 x 72 x 208

the water proof enclosure available for all of our PoE products, total 6 input/output port maximum

Contact Details

Welcome OEM/ODM Request

Your Satisfaction, Our Success.

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