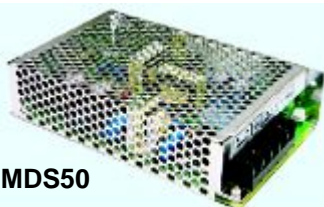


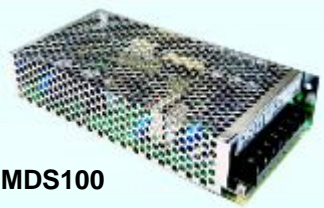
MDS15



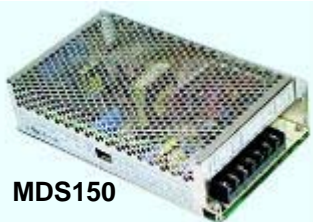
MDS25



MDS50



MDS100



MDS150



MDS200



MDS350

- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Short circuit / Overload / Over Voltage Protection
- Over temperature protection for models 200W and 350W
- Built in EMI filter for models 15W to 150W
- 100% full load burn in test
- High reliability
- Convection cooled for models from 15W to 200W

SPECIFICATIONS

Line and load regulation	+/- 0.5%
Overload Protection	105% ~ 150% foldback current limiting, auto recovery
Over Voltage Protection	115% ~ 165% rated output voltage
Withstand Voltage	I/P-O/P: 1.5KV , I/P-FG:1.5KV 1 minute
Isolation Resistance	100M OHM (min.) @ 500VDC
Operating Temperature range	-10°C to 50°C @ Full Load , derate to 50% at 60°C
Safety Standards	All models with input voltage 12 , 24 , 48V meet LVD directive
EMC Standards	EN55022 class B EN61000-4-2,3,4,5,6,8 , ENV50204
Cooling	15W to 200W : Convection cooled 350W: Forced air built in fan cooling
Weight	MDS15: 0.38KG , MDS25: 0.38KG , MDS30: 0.44 KG MDS50: 0.48KG , MDS100: 0.65KG , MDS150: 0.86KG , MDS200: 1.1KG , MDS350: 1.1KG

SELECTION TABLE

MODEL	INPUT	Vout	Iout	Vout Range	Dimensions	Safety
MDS15-12-5	9.2-18VDC	5V	3A	4.75V - 5.5V	79x 51x 28 mm	CE
MDS15-12-12	9.2-18VDC	12V	1.25A	10.8V - 13.2V	79x 51x 28 mm	CE
MDS15-12-24	9.2-18VDC	24V	0.625A	21.6V - 26.4V	79x 51x 28 mm	CE
MDS15-24-5	19-36VDC	5V	3A	4.75V - 5.5V	79x 51x 28 mm	CE
MDS15-24-12	19-36VDC	12V	1.25A	10.8V - 13.2V	79x 51x 28 mm	CE
MDS15-24-24	19-36VDC	24V	0.625A	21.6V - 26.4V	79x 51x 28 mm	CE
MDS15-48-5	36-72VDC	5V	3A	4.75V - 5.5V	79x 51x 28 mm	CE
MDS15-48-12	36-72VDC	12V	1.25A	10.8V - 13.2V	79x 51x 28 mm	CE
MDS15-48-24	36-72VDC	24V	0.625A	21.6V - 26.4V	79x 51x 28 mm	CE
MDS25-12-5	9.2-18VDC	5V	5A	4.5V - 5.5V	99x97x36 mm	CE
MDS25-12-12	9.2-18VDC	12V	2.1A	11V - 16V	99x97x36 mm	CE
MDS25-12-24	9.2-18VDC	24V	1.1A	23V - 30V	99x97x36 mm	CE
MDS25-24-5	19-36VDC	5V	5A	4.5V - 5.5V	99x97x36 mm	CE
MDS25-24-12	19-36VDC	12V	2.1A	11V - 16V	99x97x36 mm	CE
MDS25-24-24	19-36VDC	24V	1.1A	23V - 30V	99x97x36 mm	CE
MDS25-48-5	36-72VDC	5V	5A	4.5V - 5.5V	99x97x36 mm	CE
MDS25-48-12	36-72VDC	12V	2.1A	11V - 16V	99x97x36 mm	CE
MDS25-48-24	36-72VDC	24V	1.1A	23V - 30V	99x97x36 mm	CE
MDS30-110-5	90-140VDC	5V	6A	4.5V - 5.5V	129x98x38 mm	CE
MDS30-110-12	90-140VDC	12V	2.5A	11V - 16V	129x98x38 mm	CE
MDS30-110-24	90-140VDC	24V	1.3A	23V - 30V	129x98x38 mm	CE
MDS50-12-5	9.2-18VDC	5V	10A	4.5V - 5.5V	159x97x37 mm	CE
MDS50-12-12	9.2-18VDC	12V	4.2A	11V - 16V	159x97x37 mm	CE
MDS50-12-24	9.2-18VDC	24V	2.1A	23V - 30V	159x97x37 mm	CE
MDS50-24-5	19-36VDC	5V	10A	4.5V - 5.5V	159x97x37 mm	CE
MDS50-24-12	19-36VDC	12V	4.2A	11V - 16V	159x97x37 mm	CE
MDS50-24-24	19-36VDC	24V	2.1A	23V - 30V	159x97x37 mm	CE
MDS50-48-5	36-72VDC	5V	10A	4.5V - 5.5V	159x97x37 mm	CE
MDS50-48-12	36-72VDC	12V	4.2A	11V - 16V	159x97x37 mm	CE
MDS50-48-24	36-72VDC	24V	2.1A	23V - 30V	159x97x37 mm	CE
MDS50-110-5	90-140VDC	5V	10A	4.5V - 5.5V	159x97x37 mm	CE
MDS50-110-12	90-140VDC	12V	4.2A	11V - 16V	159x97x37 mm	CE
MDS50-110-24	90-140VDC	24V	2.1A	23V - 30V	159x97x37 mm	CE

SELECTION TABLE

MODEL	INPUT	Vout	Iout	Vout Range	Dimensions	Safety
MDS100-24-5	19-36VDC	5V	20A	4.5V - 5.5V	199x98x38 mm	CE
MDS100-24-12	19-36VDC	12V	8.5A	11V - 16V	199x98x38 mm	CE
MDS100-24-24	19-36VDC	24V	4.2A	23V - 30V	199x98x38 mm	CE
MDS100-48-5	36-72VDC	5V	20A	4.5V - 5.5V	199x98x38 mm	CE
MDS100-48-12	36-72VDC	12V	8.5A	11V - 16V	199x98x38 mm	CE
MDS100-48-24	36-72VDC	24V	4.2A	23V - 30V	199x98x38 mm	CE
MDS100-110-5	72-144VDC	5V	20A	4.5V - 5.5V	199x98x38 mm	
MDS100-110-12	72-144VDC	12V	8.5A	11V - 16V	199x98x38 mm	
MDS100-110-24	72-144VDC	24V	4.2A	23V - 30V	199x98x38 mm	
MDS150-24-12	19-36VDC	12V	12.5A	11V - 16V	199x110x50 mm	CE
MDS150-24-24	19-36VDC	24V	6.3A	23V - 30V	199x110x50 mm	CE
MDS150-48-12	36-72VDC	12V	12.5A	11V - 16V	199x110x50 mm	CE
MDS150-48-24	36-72VDC	24V	6.3A	23V - 30V	199x110x50 mm	CE
MDS150-110-12	72-144VDC	12V	12.5A	11V - 16V	199x110x50 mm	
MDS150-110-24	72-144VDC	24V	6.3A	23V - 30V	199x110x50 mm	
MDS200-24-5	19-36VDC	5V	40A	4.5V - 5.5V	215x115x50 mm	CE
MDS200-24-12	19-36VDC	12V	16.7A	11V - 16V	215x115x50 mm	CE
MDS200-24-24	19-36VDC	24V	8.4A	23V - 30V	215x115x50 mm	CE
MDS200-24-48	19-36VDC	48V	4.2A	43V - 53V	215x115x50 mm	CE
MDS200-48-5	36-72VDC	5V	40A	4.5V - 5.5V	215x115x50 mm	CE
MDS200-48-12	36-72VDC	12V	16.7A	11V - 16V	215x115x50 mm	CE
MDS200-48-24	36-72VDC	24V	8.4A	23V - 30V	215x115x50 mm	CE
MDS200-48-48	36-72VDC	48V	4.2A	43V - 53V	215x115x50 mm	CE
MDS200-110-5	72-144VDC	5V	40A	4.5V - 5.5V	215x115x50 mm	
MDS200-110-12	72-144VDC	12V	16.7A	11V - 16V	215x115x50 mm	
MDS200-110-24	72-144VDC	24V	8.4A	23V - 30V	215x115x50 mm	
MDS200-110-48	72-144VDC	48V	4.2A	43V - 53V	215x115x50 mm	

SELECTION TABLE

MODEL	INPUT	Vout	Iout	Vout Range	Dimensions	Safety
MDS350-24-5	19-36VDC	5V	57A	4.5V - 5.5V	215x115x50 mm	CE
MDS350-24-12	19-36VDC	12V	27.5A	11V - 16V	215x115x50 mm	CE
MDS350-24-24	19-36VDC	24V	14.6A	23V - 30V	215x115x50 mm	CE
MDS350-24-48	19-36VDC	48V	7.3A	43V - 53V	215x115x50 mm	CE
MDS350-48-5	36-72VDC	5V	60A	4.5V - 5.5V	215x115x50 mm	CE
MDS350-48-12	36-72VDC	12V	27.5A	11V - 16V	215x115x50 mm	CE
MDS350-48-24	36-72VDC	24V	14.6A	23V - 30V	215x115x50 mm	CE
MDS350-48-48	36-72VDC	48V	7.3A	43V - 53V	215x115x50 mm	CE
MDS350-110-5	72-144VDC	5V	60A	4.5V - 5.5V	215x115x50 mm	
MDS350-110-12	72-144VDC	12V	29.2A	11V - 16V	215x115x50 mm	
MDS350-110-24	72-144VDC	24V	14.6A	23V - 30V	215x115x50 mm	
MDS350-110-48	72-144VDC	48V	7.3A	43V - 53V	215x115x50 mm	