

LM150-20B48



- Universal 85 - 264VAC or 120 - 370VDC Input voltage
- Accepts AC or DC input (dual-use of same terminal)
- Operating ambient temperature range: -30? to +70?
- Low standby power consumption, high efficiency
- High I/O isolation test voltage up to 4000VAC
- Low ripple & noise
- Output short circuit, over-current, over-voltage, over-temperature protection
- IEC/EN/UL62368, EN60335, EN61558, GB4943 safety approved
- Over-voltage class ? (designed to meet EN61558)
- Operating altitude up to 5000m

Rating: Not Rated Yet

Price

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Description	Selection Guide						
	Certification	Part No.*	Output Power (W)	Minimal Output Voltage and Current (Vo/Io)	Output Voltage Adjustable Range (V)	Efficiency at 230 VAC (%) Typ.	Max. Capacitive Load (µF)
	UL/CE/CCC/ICB	LM150-20B48	158.4	48V/3.3A	43.2-52.8	89	600
Note: *Use suffix "C" for terminal with protective cover and suffix "Q" for conformal coating.							

General Specifications							
Item	Operating Conditions		Min.	Typ.	Max.	Unit	
Isolation	Input -	Electric strength test for 1min., leakage current <10mA	2000	--	--	VAC	
	Output -		4000	--	--		
	Output -		1250	--	--		
Insulation Resistance	Input -	At 500VDC	50	--	--	M?	
	Output -		50	--	--		
	Output -		50	--	--		
Operating Temperature			-30	--	+70	?	
Storage Temperature			-40	--	+85		
Storage Humidity	Non-condensing		10	--	95	% RH	
Operating Humidity			20	--	90		
Switching Frequency			--	65	--	kHz	
Power Derating	Operating temperature	85VAC	-30 to -25	5	--	--	%/?
		12V	+45 to +70	2	--	--	
	Operating	15V/24V/36V/48V	+50 to +70	2.5	--	--	
		Input voltage derating	85VAC	1.3	--	--	%/VAC
Safety Standard			Meet IEC/EN/UL62368/EN60335/EN61558/GB4943				
Safety			IEC/EN/UL62368/				

Certification		EN60335/EN61558/GB4943
Safety Class		CLASS I
MTBF	MIL-HDBK-217F@25?	>300,000 h

[LM150-20B48 Specification](#)