

1788 0-32V/0-6A
SINGLE OUTPUT DC PROGRAMMABLE POWER SUPPLY

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Ratings :

PARAMETER	VOLTAGE	CURRENT
Output ratings,(0°C-40°C)	0~32V	0~6A
Load regulation ±(% of output+ offset)	≤0.02% + 5mV	≤0.1% + 2mV
Line regulation ±(% of output+ offset)	≤0.1% + 3mV	≤0.1% + 2mV
Programming regulation	10mV	10mA
Readback regulation	0.05% + 120mV(≥20V)	≤0.1% + 15mA
Programming accuracy, 12 months, (@25°C ± 5°C) ±(% of output+ offset)	≤0.05% + 10mV	<0.2% + 10mA
Readback accuracy, 12 months, (@25°C ± 5°C) ±(% of output+ offset)	<0.05% + 15mV(<20V) <0.05% + 120mV(≥20V)	≤0.1% + 15mA

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PARAMETER	VOLTAGE	CURRENT
Ripple (20Hz ~ 20MHz)	$\leq 1\text{mVrms}/3\text{mVp-p}$	5mA _{rms}
Temperature coefficient,(0°C-40°C) ±(% of output+ offset)	<0.02% + 5mV	<0.1% + 5mA
Readback Temperature coefficient, ±(% of output+ offset)	<0.02% + 15mV(<20V) <0.02% + 120mV(<20V)	<0.1% + 15mA

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Specifications :

AC Input Ratings	OP1: 220V AC \pm 10%,47 to 63 Hz OP2: 110V AC \pm 10%,47 to 63 Hz	
Maximum input power	350VA	
Cooling	Fan cooled	
Operating temperature	32 to 104°F (0 to 40°C) for full rated output	
Storage temperature	-68 to 158°F (-20 to 70°C) for storage environment	
Weight	N.W	14.8Lbs. 6.7kg
	G.W	16.5Lbs. 7.5kg
Dimensions W×H×D	10"×4.16"×15"(255.7mm × 105.7mm × 382.7mm)	
Relative humidity	95%	
Altitude range	2000 meters	

APPLICATIONS: IT OFFERS NEW LEVELS OF EASE OF USE AND PROGRAMMABLE FUNCTIONALITY.

CODE: DSE0PS000017880019.

MANUAL NO.: 19.