

**POWER TECHNOLOGY 150V – 7A SMPS
SPECIFICATIONS**

Parameter		Specification	Unit	
Input	Phase	Single Phase		
	Input Voltage AC	195-253	V _{RMS}	
	Source Frequency	47-63 (50/60 Typ.)	Hz	
	Input Power Factor	≥ 0.7		
	In-Rush Transient Current	≤ 50A _{PEAK} , ≤ 20mS	A	
Output	Output Power (Non-Derated)		1000	W
	Output Peak Power		1750	W
	Output Voltage		135-150	V _{DC}
	Voltage Accuracy		± 1	% Max.
	Output Line Regulation		± 1	% V _{OUT} Max.
	Output Load Regulation		± 4	% V _{OUT} Max.
	Ripple/Noise	(0-500Hz)	10	mV _{P-P} Max
		(0.5-150KHz)	10	
	Output Current		7	A _{DC}
	Over Current Protection (Hicup Mode)		8 - 12	A _{DC}
	Over Current Protection (Latch)		12	A _{DC}
	Holdup Time		≥ 25	mS
	Output Voltage Rise Time		≤ 10	mS
	Output Overvoltage Protection		190	V _{DC}
	Isolation		3000	V _{AC}
General Specifications - Parameters		Specification	Unit	
Operating Ambient Temperature		-40 to +85	°C	
Storage Temperature		-40 to +85	°C	
Efficiency		≥ 90	%	
Delay From Input Application Until All Outputs In Regulation		≤ 500	mS	
Overtemperature Protection/Thermal Shutdown		> +85	°C	
Standarts - Parameter		Standard		
Electrical Safety		IEC 62368-1, UL 62368-1		