

24V / 4,17A Switch Mode (Protected) Power Supply

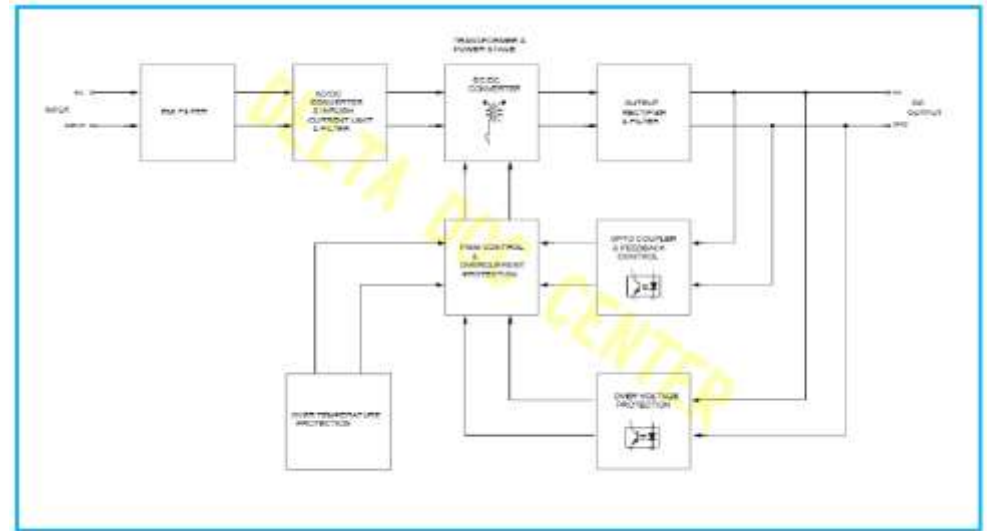
SMPS24V5



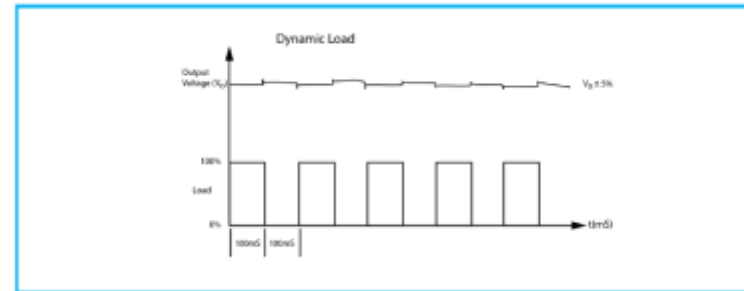
Weight 1.6 kg
Dimensions 150 x 234 x 68 mm
Electrical Specifications

Output	DC Voltage	24V
	Rated Current	4,17A
	Current Range	0 ~ 4,17A
	Rated Power	100W
	Ripple & Noise	150 mVp-p
	Voltage Adj. Range	22 ~ 28V
	Voltage Tolerance	+ - 1.0 %
	Line Regulation	+ - 0.5 %
	Load Regulation	+ - 1 %
	Setup, Rise Time	1000ms, 30ms at full load
	Hold up time (typ.)	20ms at full load
Input	Voltage Range	84~264 VAC
	Frequency Range	47 ~63 Hz
	Efficiency (Typ.)	86 %
	AC Current (Typ.)	2.8 A / 230VA
	Inrush Current (Typ.)	Cold Start 50A/115VAC
Leakage Current (Typ.)	<1mA / 240VAC	
Protection	Overload	120 % rated output power
	Over Voltage	32V +/- 10%
Environment	Working Temp.	-20 ~ +50 °C
	Working Humidity	20 ~ 95 % RH non-condensing
	Expected Life Time	10 years
	Degree of protection	IPX0
	Vibration	10 ~ 150Hz

Block Diagram of Power Supply



Dynamic Load



Over Load Protection

