

■ Features

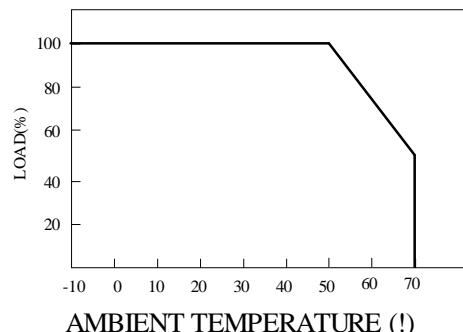
- Universal AC input/Full range
- Built-in active PFC function, PF>0.93
- Protections : Short circuit/over load/over voltage/over temperature
- cooling by free air convection
- 100% full load burn-in test
- 2 year warranty



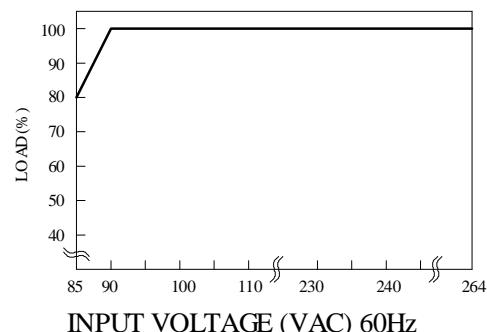
SPECIFICATION

Model	DKP100-12	DKP100-24				
Output	DC Voltage	12V	24V			
	Rated Current	8.3A	4.16A			
	Current Range	0-8.3A	0-4.16A			
	Rated Power	99.6W	99.8W			
	Ripple & Noise	150mVp-p	300mVp-p			
	Voltage ADJ. Range	11.40-13.20V	21.60-26.40V			
	Voltage Tolerance	±1.0%	±1.0%			
	Line Regulation	±0.5%	±0.5%			
	Load Regulation	±2.0%	±2.0%			
	Set up , rise time	900ms, 60ms/230Vac at full load				
	Hold Time	20ms/230Vac at full load				
Input	Voltage Range	85~264Vac 120~370Vdc				
	Frequency Range	47~63Hz				
	Power factor(typ.)	PF>0.98/AC115V PF>0.93/AC230V				
	Efficiency	80% 230Vac	82% 230Vac			
	AC current	1.5A/115Vac 0.75A/230Vac				
	Inrush Current	Cold start 30A/115Vac 60A/230Vac				
	Leakage Current	<0.75mA 240Vac				
Protection	Over Load	110%-150% rated output power				
		Hiccup mode, recovers automatically after fault condition is removed .				
Environment	Working temp.	-10~ +60°C (refer to output derating curve)				
	Working Humidity	20~90% RH non-condensing				
	StorageTemp., umidity	-20~+85°C , 10~95% RH				
	Temp. Coefficient	±0.03%/°C (0~50 °C)				
	Vibration	10~500Hz, 2G 10min./1cycle , period for 60min , each along X, Y, Z axes				
Others	MTBF	50,000hours min at 25°C				
	Dimension	179mm*99mm*45mm				
	Weight	0.60KGS/PC				

Derating Curve



Output Derating VS Input Voltage



■ MECHANICAL SPECIFICATION

