

## DKSP-100F-12 (12V, 8.3A, 100W, PFC)



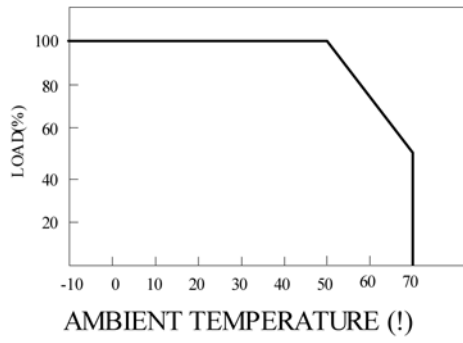
### Features:

- 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

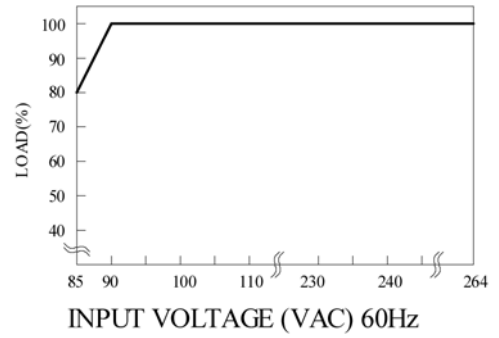
### Specification:

OUTPUT	DC Voltage	12V
	Voltage ADJ. Range	11.4-13.2V
	Rated Current	8.3A
	Current Range	0-8.3A
	Rated Power	99.6W
	Ripple & Noise	150mVp-p
	Voltage Tolerance	±1.0%
	Line Regulation	±0.5%
	Load Regulation	±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
	Efficiency	80% 230Vac
	Power factor(typ.)	PF>0.98/115VAC PF>0.93/230VAC
	AC current	1.5A/115Vac 0.75A/230Vac
	Inrush Current	Cold start 30A/115Vac 60A/230Vac
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:

