

## ARPJ-LAP361750 (63W, 1750mA, PFC)

### Features:

- Constant current mode power supply
- Universal AC input / Full range
- Protections: Short circuit / Over current
- Built-in active PFC function



### Specification:

OUTPUT	DC VOLTAGE	36V
	DC VOLTAGE RANGE	18-36V
	CURRENT RANGE	1750mA $\pm$ 3%
	RATED POWER	63W
	RIPPLE & NOISE (max.)	5Vp-p
	VOLTAGE TOLERANCE	$\pm$ 3.0%
	LINE REGULATION	$\pm$ 1.0%
	LOAD REGULATION	$\pm$ 2.0%
	SETUP,RISE TIME	1500ms,250ms/230VAC 3000ms,250ms/115ac at full load
INPUT	VOLTAGE RANGE	100-240VAC
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY(Typ.)	85% full load
	POWER FACTOR	PF>0.9/230VAC PF>0.95/115VAC at full load
	AC CURRENT(at full load)	1.2A/100AC 0.6A/240AC
	INRUSH CURRENT (max.)	COLD STAT 70A/240VAC 35A/120VAC at full load
	LEAKAGE CURRENT	0.5mA/240VAC
PROTECTION	OVER CURRENT	Above 105% rated output power. Protection type: Hiccup mode, recovers automatically after fault condition is removed.
	OVER TEMPERATURE	Tj 140°C typically(U1) Detect on main control IC Protection type: Hiccup mode, recovers automatically after temperature goes down
ENVIRONMENT	WORKING TEMP.	-10~+50°C
	WORKING HUMIDITY	20~90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40~+80°C, 10~95% RH
	TEMP.COEFFICIENT	$\pm$ 0.03%/°C (0~50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X,Y,Z axes

