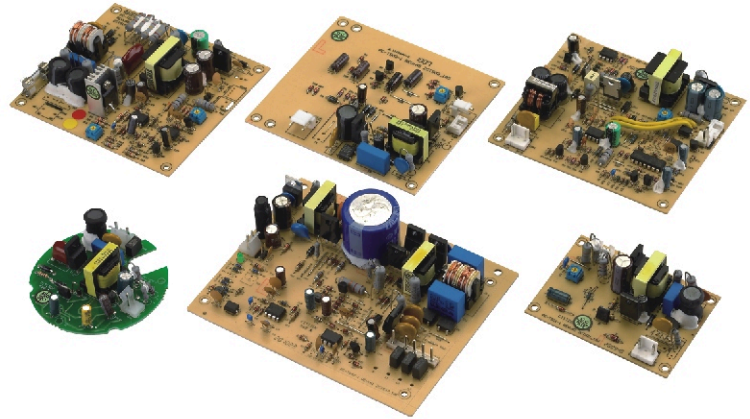


LED Traffic Signal Lamps Power Supply

Features

- ▶ I/P Voltage range: 18-50 Vac or 80-135 Vac or 180-265 Vac
- ▶ Open Frame
- ▶ Built-in constant current limiting circuit
- ▶ Adjustable output voltage and current level
- ▶ Protection: SCP/OVP/OC
- ▶ Built-in active PFC function, PF>0.92
- ▶ Operation temperature: -40 ~ +74° C
- ▶ High reliability: MTBF 100,000 hours min.
- ▶ 2 years warranty



Optional Functions

- ▶ Low input voltage cut off
- ▶ Input voltage dimming
- ▶ Fail-state
- ▶ Hold-up time > 0.5 sec.
- ▶ Signal conflict monitor compatibility (10Vrms)

Compliance

- ▶ FCC Part 15.107 CLASS A
- ▶ FCC Part 15.109 CLASS A
- ▶ Surge: IEC 61000-4-5
- ▶ NEMA TS-2 in section 2.1.6 and 2.1.8, 2003
- ▶ EN50293 (I/P Voltage range: 18-50 Vac and 180-265 Vac)
- ▶ Meet U.S. ITE standard (Institute of Transportation Engineers)

Model No.	Input Power (Vac/Hz)	Output Voltage/Current (Vdc/Amps)	Output Power(W)	PF	Dimension L*W*H (mm)
PC-TS34-1	80~135Vac/53~63Hz	6~9Vdc/0.15~0.8A	4.5~8W	PF>0.92, THD<20%	110*100*28
PC-TS15-1	180~265Vac/47~63Hz	15~19Vdc/0.15~0.45A	8.55W	PF>0.92, THD<20%	110*100*24
PC-TS05-1	80~135Vac/53~63Hz	12~24Vdc/0.15~0.4A	9.6W	PF>0.92, THD<20%	110*100*28
PC-TS21-1	80~135Vac/53~63Hz	12~24Vdc/0.15~0.4A	5.1~10W	PF>0.92, THD<20%	82*60*20.5
PC-TS01-1	18~50Vac/45~55Hz	14~20Vdc/0.25~0.6A	12W	PF>0.95, THD<20%	110*100*28
PC-TS01-2	18~50Vac/45~55Hz	14~20Vdc/0.25~0.6A	12W	PF>0.95, THD<20%	110*100*28
PC-TS16-1	180~265Vac/47~63Hz	15~19Vdc/0.45~0.8A	15.2W	PF>0.92, THD<20%	110*100*25
PC-TS20-2	80~135Vac/53~63Hz	9~15Vdc/0.45~1.05A	5.1~16W	PF>0.92, THD<20%	82*60*20.5
PC-TS27-1	80~135Vac/53~63Hz	12~24Vdc/0.15~0.4A	17.6W	PF>0.92, THD<20%	110*100*28
PC-TS14-1	80~135Vac/53~63Hz	11.5~17Vdc/0.45~1.05A	18W	PF>0.92, THD<20%	110*100*28
PC-15-22-ZR01/02	80~135Vac/53~63Hz	10~22Vac/0.3~0.7A	15.4W	PF>0.92, THD<20%	82*60*26