

FEATURES :

- Wide Input Voltage 90 to 264VAC,47 to 63Hz
- High Efficiency Up To 88%
- Protection: Short Circuit /Over current/Over voltage
- Meet EMI EN55022 & EMS EN55024 standard
- Power Factor Correction
- 3 Years Warranty
- ROHS Compliant

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Output Wattage	Constant Current Region	Constant Current	Efficiency % (TYP)	
	(W)	(V)	(mA)	T8P	T8AP
T8(A)P-420-0200	8	36.0-43.2	200	88	85
T8(A)P-420-0240	9	36.0-43.2	240	88	85
T8(A)P-420-0360	12	36.0-43.2	360	88	85
T8(A)P-420-0400	16	36.0-43.2	400	88	85
T8(A)P-420-0480	18	36.0-43.2	480	88	85
T8(A)P-550-0200	11	42.0-55.0	200	88	85
T8(A)P-550-0240	13	42.0-55.0	240	88	85
T8(A)P-550-0360	20	42.0-55.0	360	88	85
T8(A)P-550-0400	22	42.0-55.0	400	88	85

Note: (A) is Isolated Series. For example: T8AP-420-0200 Isolated, T8P-420-0200 Non Isolated

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Rated input voltage	Vo, Io nom		100~240		Vac
Voltage Range	Vo, Io nom	90		264	Vac
Line Frequency	Vi nom, Ionom	47	50/60	63	Hz
Inrush Current	Io nom	Vi:115VAC		10	A
		Vi:230VAC		20	A
Power Factor (T8P)		PF> 0.80 / 115Vac,230Vac at full load			
Power Factor (T8AP)		PF> 0.90 / 115Vac,230Vac at full load			

Output Specifications

Parameters	Conditions	Min	Typ	Max	Units
Isolation Voltage(T8AP)	Input / Output		3KVac/ 5mA/5Secs		
Current Accuracy	Vi=110-240Vac		±3	±5	%
Operating Temperature	Operating at Vi nom, Io nom	-20		+50	°C
Protection	Over Current	>108% rated output power(Constant current limiting) Protection type: Recovers automatically after fault condition is removed			
	Over Voltage	120%-150% rated output Voltage Protection type: Recovers automatically after fault condition is removed			
	Short circuit	Recovers automatically after fault condition is removed			

YUAN DEAN SCIENTIFIC



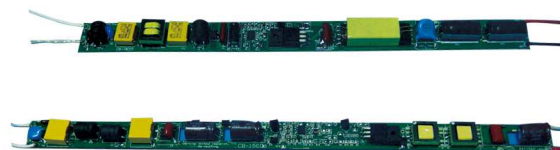
LED Driver

T8(A)P SERIES

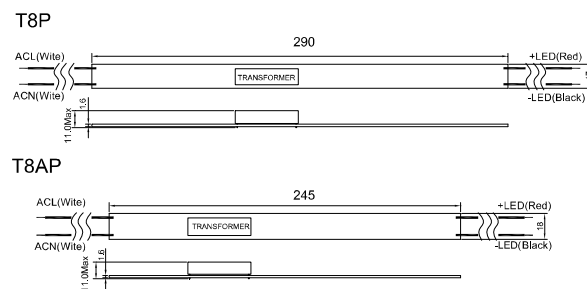
8~22Watt

PFC

Non-Dimmable



Markings and dimensions



Unit: mm Unless otherwise specified, all tolerances are ± 0.50

www.yds.com.tw



TEL: 886-6-3842899 FAX: 886-6-3843288
E-MAIL: ydsweb@yds.com.tw

Rev:0 2018/07/16