
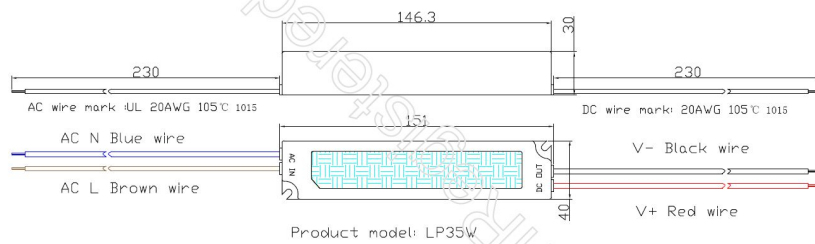
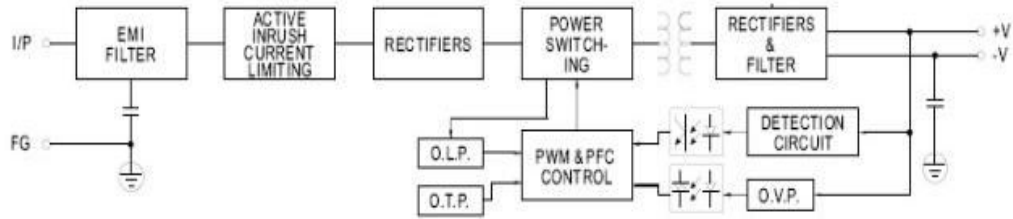




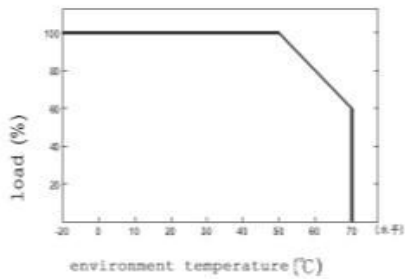
TLT-LP20-W1V12/24				
		<ul style="list-style-type: none"> <li>●100% full load burn-in test</li> <li>●Universal AC input</li> <li>●Small size and high efficiency</li> <li>●Built-in EMI filter with tiny ripple</li> <li>●Protection: OTP, OLP,OVP,SCP</li> <li>●2 year warranty</li> </ul>		
		Product		TLT-LP20-W1V12
Output	Rated Voltage (V)		12	24
	Floating Voltage (V)		12.6	25.2
	Output Voltage Tolerance		12V±5%	24V±5%
	Rate Current (A)		1.67A	0.83A
	Rate Power(W)		20W	20W
	Max. output power (W)		25W	30W
	Current ripple		≤100mVp-p	≤120mVp-p
Input	Input voltage range (V)	AC 110~240V; 47Hz~63Hz; Cold start current 36A/AC220V		
	Input AC (A)	0.2A/110V~0.1A/240V		
	Efficiency	85%		
	Impact current (A)	3A		
	Start, Rise, Hold-up time	100ms,50ms,20ms		
	Quiescent current	<10mA/240VAC		
Protection	OLP	105%~150% of rated power, hiccup model, auto-recovery		
	OVP	over Max. Voltage, hiccup, auto recovery		
	OTP	Rectifier ≥85°C, auto recovery		
	SCP	>3 times short circuit, auto recovery		
Ambiant	Working Temp. & humidity	"-20°C~60°C, 20%~90%RH		
	Storage temp. & humidity	"-40°C~85°C, 10%~95%RH		
	Withstand voltage	I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min,		
Safety	Safety standard	GB4943 ;IEC60950-1; EN60950-1		
	EMC standard	EN55022 CLASS A; GB9254		

### Mechanical Specification

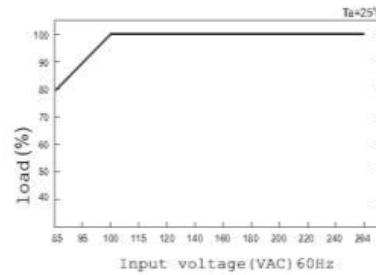
Pin No.	Assignment	Pin No.	Assignment		
1	AC/L	4	DC OUTPUT-V	Demension(L*W*H)	146.3*40*30mm
2	AC/N	5	DC OUTPUT+V	Net Weight	0.2kg/pcs
3	FG				



Derating Curve



Static Characteristics(12V)



**REMARKS:**

- 1, The above mentioned data were measured at 230VAC input and 25°C.
- 2, Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3, Cut the AC input before checking any mal-phenomenons.
- 4, Make sure the INPUT&OUPUT were in right situation before connected to power supply.
- 5, Be ware of high power pressure may caused by short circuit when installing metal casing products.
- 6, Please contact us at comercial@thelemtree.es for further solution if any unforeseeable problem happens.