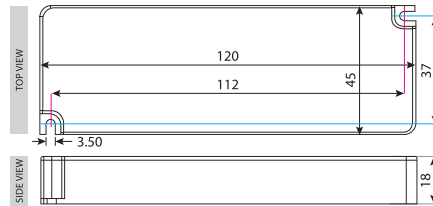




BLTEK

POWERED BY:
XPCS
GROUP

DRIVER MODEL NO.
LT12W-12VT-UN
CONSTANT VOLTAGE



DIMENSIONS

Width.....	120mm
Length.....	45mm
Height.....	18mm

RELIABLE TECHNICAL DATA

- Built-in converter for constant voltage led lamp
- Rated Input Voltage 110-240VAC
- Universal AC input voltage/Full range
- Active Power Factor Correction
- Input Frequency 50/60Hz
- Output Power: 12W
- All-round protection: SCP, OLP, OTP
- Auto Restart After Fault Conditions Removal
- Plastic case, Class II (protection against electric shock from direct and indirect contact)
- Input and output connection H03VV-F2x0,5mm
- SELV, constant voltage output
- Open circuit short circuit overload and over-temperature protection
- Working Power Consumption 2.6W / Standby power consumption $\leq 0.4W$
- 2 years warranty

STANDARDS

- Safety According to EN613471-1, EN61347-2-13
- EMI According to EN55015
- EMS According to EN61000-3-2.: EN61000-3-3
- EMF According to EN62493-2010
- ErP According to EN1194-2012
- RoHS according IEC626321; IEC626321-4; IEC626321-5
- REACH EC1907



IP65 CE ErP RoHS REACH

INPUT CHARACTERISTICS

INSPECTION ITEM	REQUIRED VALUE	MEASURED VALUE	VERDICT
Input voltage	110-240 (Vac)	220 (Vac)	☒ P ☐ F ☐ N ☐ ND
Input current	≤ 400 (mA)	110 mA	☒ P ☐ F ☐ N ☐ ND
Input power	14.7-15.75 (W)	14.18 (W)	☒ P ☐ F ☐ N ☐ ND
Power factor	≥ 0.5	0.571	☒ P ☐ F ☐ N ☐ ND
No-load power	≤ 0.4 (W)	0.0(W)	☒ P ☐ F ☐ N ☐ ND

OUTPUT CHARACTERISTICS

Output voltage	11.4 - 12.6 (Vdc)	11.87(Vdc)	☒ P ☐ F ☐ N ☐ ND
Output current	1000 (mA)	997 (mA)	☒ P ☐ F ☐ N ☐ ND
Output power	11.8-12.6 (W)	11.86 (W)	☒ P ☐ F ☐ N ☐ ND
% (Efficiency)	$\geq 80\%$	83.7%	☒ P ☐ F ☐ N ☐ ND
With lamp	(Flicker free by inspector)	☐ (Flicker free) ☐ (Flicker) ☐ (Dimming)	☒ P ☐ F ☐ N ☐ ND

PROTECTION CHARACTERISTICS

OLP	120% $\leq$: (Load range): $\leq 150\%$	☒ P ☐ F ☐ N ☐ ND
SCP	(SCW): 0.21 W (Self-resetting after removing)	☒ P ☐ F ☐ N ☐ ND
OTP	Tc: $\leq 80^{\circ}C$	☒ P ☐ F ☐ N ☐ ND
OVP	VOUT Vdc	☐ P ☐ F ☒ N ☐ ND
Start-up test	Ta: 25°C (Under rated input voltage)	☒ P ☐ F ☐ N ☐ ND
Noise test	100mm A/B/C $\leq$ ☐ 35 ☐ 30 ☐ 25dB	☒ P ☐ F ☐ N ☐ ND
RoHS test	RoHS 2011/65/EU	☒ P ☐ F ☐ N ☐ ND
Filament resistance		☐ P ☐ F ☒ N ☐ ND



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