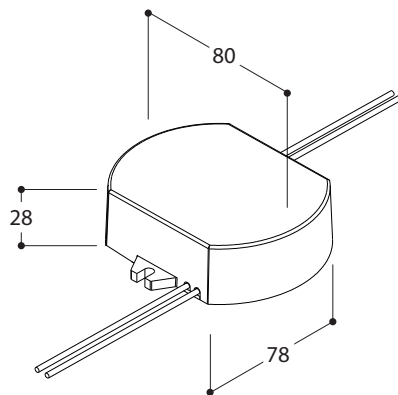


ref	930537
name	POWERLED CONV. INVENTR 26W 350mA + WIRES
	

Features

- High Efficiency (Up to 86%)
- Second Generation with Improved Performance
- Active Power Factor Correction (Typical 0.95)
- Constant Output Current
- Waterproof (IP66) and Damp Location
- All-Around Protection: OVP, SCP, OLP
- Class 2 and SELV

Output Current	Input Voltage Range(1)	Output Voltage Range	Max. Output Power	Typical Efficiency (2)	Power Factor	
					120Vac	220Vac
350 mA	90 ~ 305 Vac	38~75 Vdc	26 W	86%	0.96	0.95

Input Specifications

Parameter	Min.	Typ.	Max.	Notes
Input Voltage Range	90 V	-	305 V	
Input Frequency	47 Hz	-	63 Hz	
Leakage Current	-	-	0.75 MIU	UL8750; 277Vac/ 60Hz
	-	-	0.70 mA	IEC60598-1; 240Vac/ 60Hz
Input AC Current	-	-	0.4 A	Measured at full load and 100 Vac input.
	-	-	0.2 A	Measured at full load and 220 Vac input.
Inrush Current(I ² t)	-	-	0.043 A ² s	At 220Vac input 25°C Cold Start. Duration=100 μs, 10%Ipk-10%Ipk. See Inrush Current Waveform for the details.
Power Factor	0.90	-	-	At 100~277Vac, 75% ~100%load(19.5~26W)
THD	-	-	20%	

Output Specifications

Parameter	Min.	Typ.	Max.	Notes
Output Current Tolerance	-5% I _o	-	5% I _o	
No Load Output Voltage				
I _o = 350 mA	-	-	85 V	
I _o = 450 mA	-	-	59 V	
I _o = 530 mA	-	-	56 V	
I _o = 700 mA	-	-	42 V	
I _o = 1050 mA	-	-	32 V	
I _o = 1400 mA	-	-	26 V	
I _o = 1750 mA	-	-	22 V	
Output Current Ripple	-	-	50%I _o	Related to V-I Curve of the LED
Output Current Overshoot / Undershoot	-	-	10%I _o	At full load condition.
Line Regulation	-	-	±1%	Measured at full load condition.
Load Regulation	-	-	±3%	Measured at full load condition.
Turn-on Delay Time	-	0.6 s	1.0 s	Measured at 120Vac input.
	-	0.3 s	0.5 s	Measured at 220Vac input.
Temperature Coefficient of I _{omax}	-	-	0.2%/ C	Case temperature = 0 C ~T _c max
12V Auxiliary Output Voltage	10.8 V	12 V	13.2 V	
12V Auxiliary Output Source Current	0 mA	-	20 mA	Return terminal is "Dim-".

Protection Functions

Parameter	Notes
Over Voltage Protection	Limits output voltage at no load and in case the normal voltage limit fails.
Short Circuit Protection	Auto Recovery. No damage shall occur when any output operating in a short circuit condition. The power supply shall be self-recovery when the fault condition is removed.



ALWAYS DISCONNECT MAINS POWER SUPPLY
FROM CONVERTER BEFORE SWITCHING "ON"
LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES

