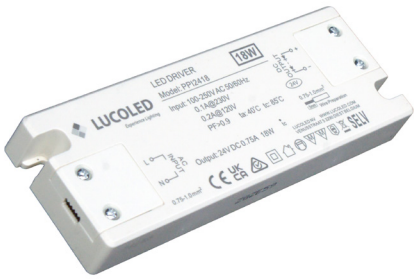


PPI 18W 24V Constant Voltage IP20

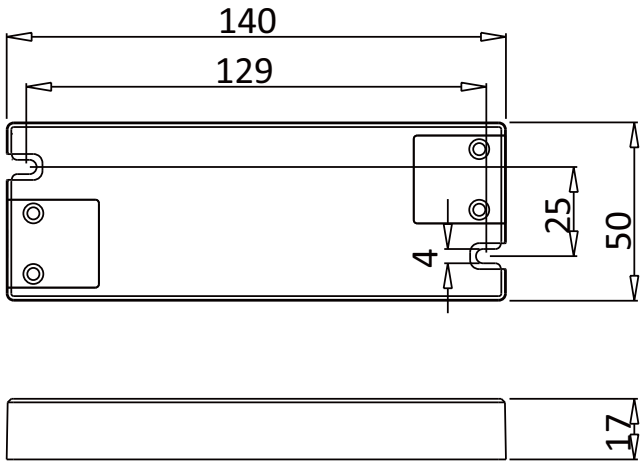


High Power Factor PF(λ)>0.9 SELV

Features

- Plastic housing, Wide input range
- High transfer efficiency
- Super-thin: 17mm height
- High Power Factor: PF>0.9
- Terminal block connection
- 100% full loading, 100% burn-in tested
- Overload/ short circuit protection
- Warranty 5 years carry-in

DIMENSIONS



Unit: mm

Input	Terminal Connection
Output	Terminal Connection
Housing	Plastic Polycarbonate (PC) UL94 V-0 (B1)

SPECIFICATION

AC Input	
Input Voltage	100-250V
Input Frequency	50/60Hz
Power Factor	>0.9
Efficiency (Typ.)	>85%
Input Current	230V: 0.13A max.
Inrush Current	25A
Leakage Current	5mA/220VAC

DC Output	
Output Voltage	24V
Rated Current	0.75A
Rated Power	18W
Ripple & Noise (max.)	<150mVp-p
setup, Rise Time	1500ms/220VAC
Line Regulation	1%
Load Regulation	1%

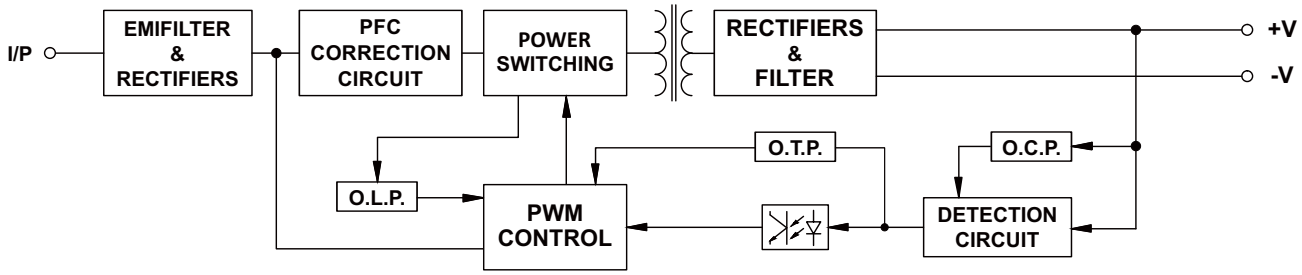
Service Environment	
Working Temp.	-25°C ~70°C (DERATING FROM 50°C)
Working Humidity	15 ~90%RH
Storage Temp	-40°C ~80°C
Storage Humidity	15 ~95%RH
Protection Class	IP20

Protection	
Overload	Yes, cut-off when loading exceeds 20-40%
Short Circuit	Yes , hiccup mode, recovers automatically after fault condition is removed

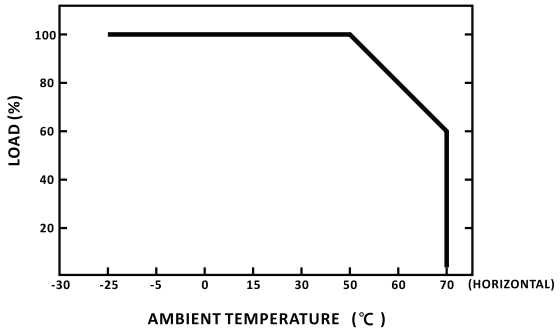
Safety	
Safety Standard	EN 61347-2-13
Withstand Voltage	I/P-O/P: 3.75KV AC; O/P-GND: 0.5KV AC
Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC/25°C / 70%RH

Standards			
EN 61347-2-13:2014+A1:2017	EN 62493:2015	EN 61000-3-2:2019+A1:2021	EN 55015:2019+A11:2020
EN 61347-1:2015+A1:2021	EN 61547: 2009	EN 61000-3-3:2013+A1:2019+A2:2021	EN 61547: 2009

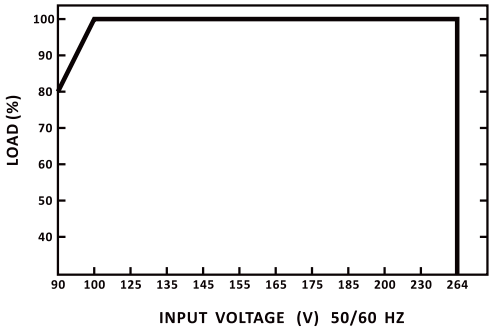
BLOCK DIAGRAM



DERATING CURVE



STATIC CHARACTERISTICS



PACKAGING

Item	Dimensions	product net weight	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
PPI2418	140x50x17mm	100gr	150	17	470x275x300