



Non-PF-Series

YD-300W

- Design for outdoor or indoor installations
- Constant Voltage Power Supplies
- AC Input Voltage Range : 200~240VAC 60Hz
- High efficiency (Typ. 92%)
- IP68 For Outdoor Installations
- Protections(HICCUP) : SCP, OCP
- Safety : K61347-1, K61347--2-13, K62384 compliant

KC No. : JH11522-14001



Input Specifications

parameter	Conditions/Description	Min	Nor	Max	Units
Input Voltage Range	220VAC Input	200	220	240	VAC
Input Frequency Range			60		Hz
Input Current	300W Input		2.1		A
Inrush Current	At 220VAC VAC input, 25°C Cold start			50	A

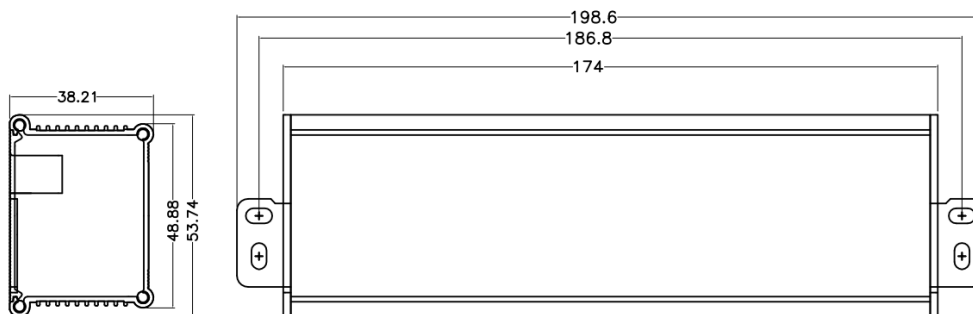
Output Specifications

parameter	Conditions/Description	12V	24V	Units
Output Current	Full load (@45°C)	22.5(18.6)	11.2(9.3)	Ampere
Voltage Accuracy	% of Vout	±5	±5	%
Line Regulation	220Vac Full load	±2	±2	%
Load Regulation	220Vac Full load	±2	±2	%
Ripple and Noise	20MHz Bandwidth	500	1,000	mV
Turn-on Delay	Measured at 220VAC and full load	2	2	s
Short Circuit Protection	Output shut down			

General Specifications

parameter	Conditions/Description	Min	Nor	Max	Units
Withstand Voltage	Input to Case(10mA, 1Minute)		2,000		VAC
Efficiency(Typical)	See individual models		90.0		%
Life time	Load 80% at 30°C		32,000		Hours
Weight			580		g
Operating Temperature		-20		+ 40	°C
Storage Temperature		-30		+ 70	°C
Relative Humidity	Non-condensing (operating)	10		90	%RH
Power Derating	At 220VAC, derates linearly from 100% at 30°C to 80% at 50°C				

DIMENSIONS



INPUT / OUTPUT WIRING

INPUT CABLE : VCTF 0.75mm² 3C / Blue(N) and Brown(L) Green(Earth), 180±20mm