

Features

- PD – Power Delivery 3.0
- 5V 3A / 9V 3A / 12V 3A / 15V 3A / 20V 3A
(Output Voltage Controlled through CC1)
- DoE 2016 (Level VI), ErP Stage 2 (Lot 7)
- IEC/EN/UL 62368-1 & 60950-1
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



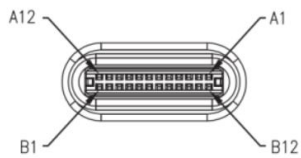
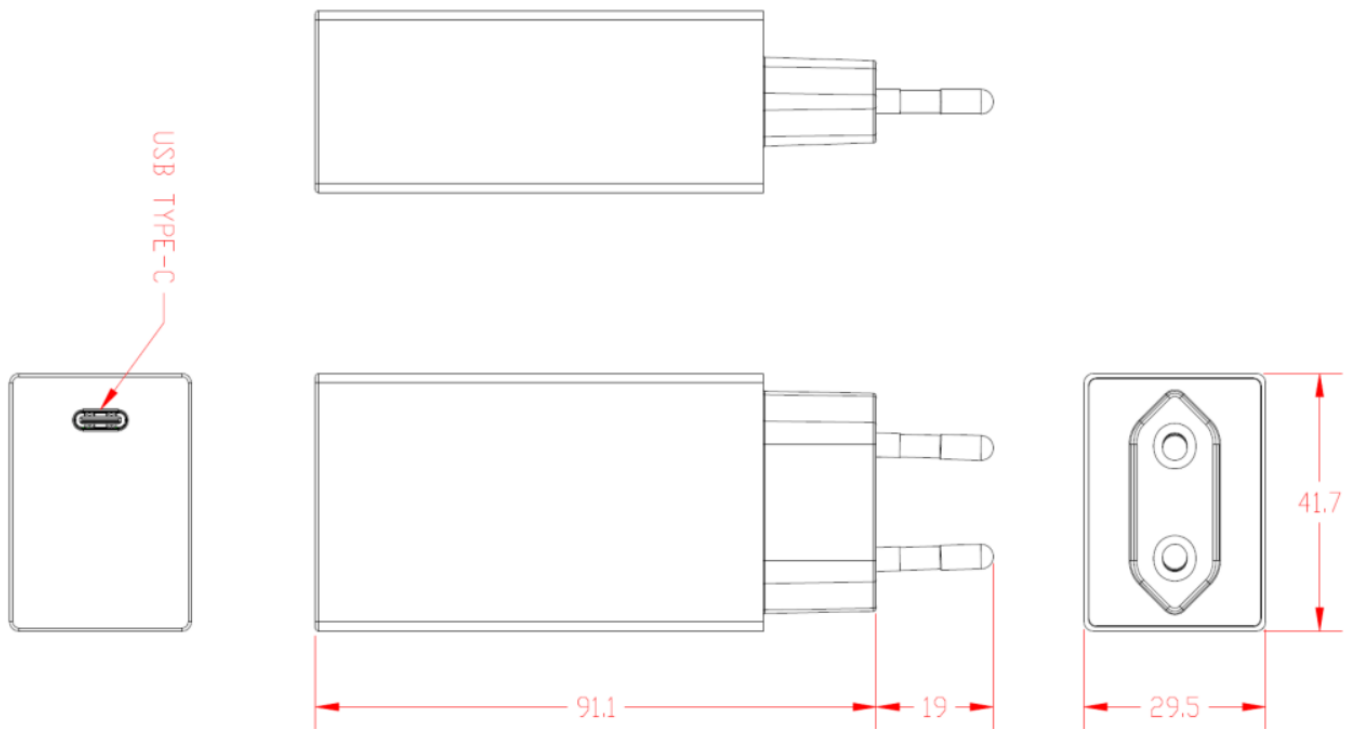
Marks / Approvals



Specifications

Product similar to photo, variations possible.

MODEL		Voltage*	Min. Load	Max. Load	Max. Power
ATP 060PD-W200E		5 V	0.0 A	3.00 A	15 W
		9 V	0.0 A	3.00 A	27 W
		12 V	0.0 A	3.00 A	36 W
		15 V	0.0 A	3.00 A	45 W
		20 V	0.0 A	3.00 A	60 W
* The system controls the output voltage through CC1					
INPUT	Voltage	AC 100 V – 240 V			
	Frequency	50 Hz - 60 Hz			
	Current	1.5 A Max. (at Vo = 20 V / 2.25 A)			
	Inrush Current	80 A Max. / 230 Vac (AC Source Chroma 6530) / 160 A (AC Source Grid) at V0=5V/3A			
OUTPUT	Load Regulation	± 10 %			
	Ripple & Noise	300 mV p-p max.			
	Transient Response	0.5 ms for 50 % load change typical			
	Leakage Current	0.25 mA max.			
	Protection	OVP (Over voltage protection), SCP (Short circuit protection), OCP (Over current protection) When short circuit protection or over current protection is activated, the power supply will shutdown automatically. Once the abnormal condition resulting in the failure being removed, the power supply will restart accordingly. When over voltage protection is activated, the power supply will shutdown.			
OTHERS	Cooling	Convection			
	Efficiency	Meet DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI			
	Holdup Time	10 ms at full load			
	Power Consumption	Pi ≤ 0.1 W (@ Vo = 5 V) (at 115 V / 60 Hz & 230 V / 50 Hz & no load)			
	Dielectric Withstand	AC 3000 V Primary – Secondary for 1 minute; cut off current 10 mA			
	Insulation Resistance	10 MΩ for 500 Vdc Primary – Secondary			
	MTBF	300,000 calculated hours at 25 °C by Telcordia SR-332			
ENVIRONMENT	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C			
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH			
CONNECTION	Cable	None			
	Plug	AC: CEE 7/16 Europlug			
EMI Conduction & Radiation	Compliance to EN 55032 Class B				
Harmonic Current	Compliance to EN 61000-3-2, -3				
EMS Immunity	Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11				
Safety	CE, CB, UL				
Case Dimensions	101.1 mm × 41.7 mm × 29.5 mm				
Weight	130 g				



VBUS (V +) : A4,A9,B4,B9
GND (V -) : A1,A12,B1,B12
CC 1 : A5
CC 2 : B5
D + : A6,B6
D - : A7,B7