

## Features

- IEC/EN/ANSI/AAMI ES60601-1 (Ed. 3.2)
- IEC/EN/UL 62368-1 (Ed. 3)
- EMC: IEC60601-1-2 (Ed. 4.1)
- Gallium Nitride Based Design
- Means of Protection: 2x MOPP
- Efficiency up to 95 %
- Regulated Output with Low Ripple Noise



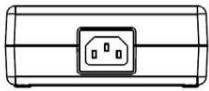
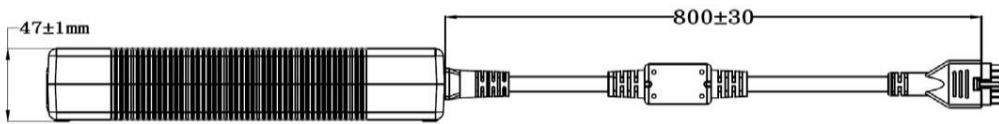
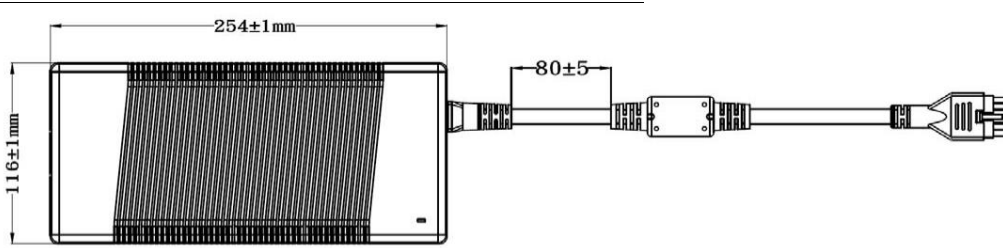
## Marks / Approvals



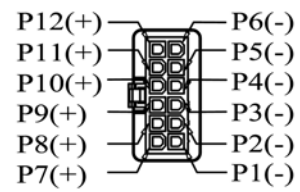
## Specifications

	MODEL	Voltage	Min. Load	Max. Load	Max. Power
	ATM 450A2-P120	12.0 V	0.00 A	33.34 A	400 W
	ATM 450A2-P240	24.0 V	0.00 A	18.75 A	450 W
	ATM 450A2-P480	48.0 V	0.00 A	9.38 A	450 W
	ATM 450A2-P560	56.0 V	0.00 A	8.05 A	450 W
INPUT	<b>Voltage</b>	AC 100 V – 240 V			
	<b>Frequency</b>	50 Hz - 60 Hz			
	<b>Current</b>	5.3-2.2 A max.			
	<b>Protection</b>	Internal Primary Current Fuse, Inrush Limiting			
OUTPUT	<b>Load Regulation</b>	± 5 % (typical)			
	<b>Ripple</b>	1 % V p-p max. for output voltage at full load			
	<b>Transient Response</b>	0.5 ms for 50 % load change typical			
	<b>Touch Current</b>	< 100 µA (264 V AC / 60 Hz)			
	<b>Protection</b>	Short circuit Protection • Over Voltage Protection • Over Current Protection			
OTHERS	<b>Cooling</b>	Convection			
	<b>Efficiency</b>	DoE Level VI • Energy Star • ErP Stage 2 • NRCAN & GEMS Level VI Certified			
	<b>Holdup Time</b>	10 ms at full load			
	<b>Dielectric Withstand</b>	AC 4000 V Primary – Secondary			
	<b>MTBF</b>	300,000 calculated hours at 25 °C by Telcordia SR-332			
	<b>Output Cable</b>	Black UL 2464 16AWG*6C, Ferrit Core, Length: 100 cm			
	<b>Output Connector Type</b>	<b>12 V:</b> 12 Pin Housing <b>24 V, 48 V, 56 V:</b> 6 Pin Housing			
ENVIRONMENT	<b>Temperature</b>	Operating: -20 °C – 40 °C / Storage: -20 °C – 80 °C			
	<b>Humidity</b>	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH			
EMC Standards	EN 55032 / EN 55011 EN 61000-3-2 / EN 61000-3-3 EN 55035 / EN 61000-4-2, -3, -4, -5, -6, -8, -11				
Safety	IEC/EN/ANSI/AAMI ES60601-1 (Ed. 3.2) IEC/EN/UL 62368-1 (Ed. 3)				
Case Dimensions	254 mm × 116 mm × 47 mm				
Weight	1600 g				

12 V

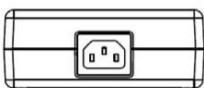
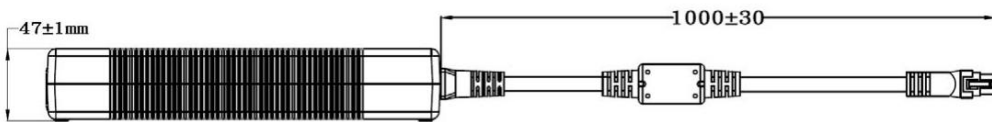
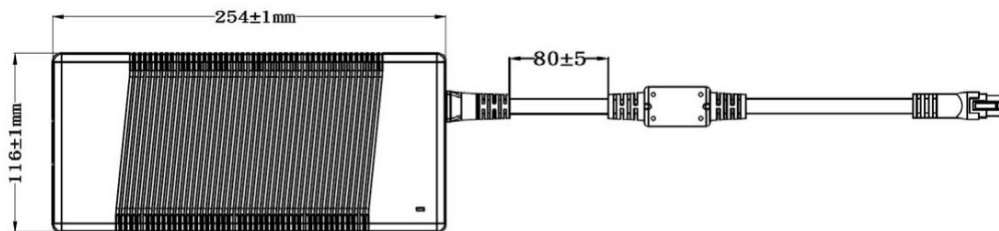


FRONT-VIEW

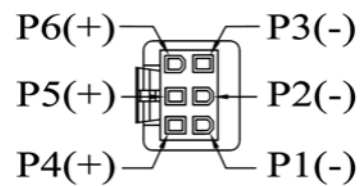


Output Cable Plug Pin Assignment

24 V, 48 V, 56 V



FRONT-VIEW



Output Cable Plug Pin Assignment