

# IMC-150PS-120

## Adapter Power Supply



### Features

- Certified with IEC 62368-1 & CB 60950-1
- Meets USA EISA 2007
- Meets Energy Efficiency DOE Level VI
- Meets Code of Conduct Version 5 Tier 2
- Supports surge 6KV
- High Reliability
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection
- With PFC Circuit

### Introduction

This product is a 120 watts AC to DC adapter for use in Communication Systems & PoE Systems that have a high wattage demands. This adapter operates at 90 to 264 V<sub>AC</sub> input voltage.

### Specifications

General	
Advantech Part Number	IMC-150PS-120
Description	FSP ADP A/D 100-240V to 54V 120W DC Plug Adapter
Manufacturer	FSP
Input Specifications	
Rated Input Voltage Range	100 ~ 240V <sub>AC</sub>
Input Voltage Range	90V <sub>AC</sub> to 264V <sub>AC</sub>
Input Current	≤1.8A
Input Frequency Range	47Hz - 63Hz (±1Hz)
Output Specifications	
DC Output	54.0V 2.22A, 120.0W
Efficiency (%)	100V <sub>AC</sub> / 2.14A load (≥89%) 240V <sub>AC</sub> / 2.14A load (≥91%)
Power de-rating	100V <sub>AC</sub> or 240V <sub>AC</sub> 0°C to 40°C, 100% load 50°C, 85% load 60°C, 70% load 70°C, 55% load

Mechanical	
Form Factor	Desktop
Input AC socket Type	IEC 320-C14 Type
Dimension (L x W x H)	151.3 X 75.6 X 25.4 mm
Vibration	Non-operating, 0.01g2/Hz at 5Hz slopping to 0.02g2/Hz at 20Hz, And maintain 0.02g2/Hz from 20Hz ~ 500Hz
MTBF	300,000 hours at 25°C
Environmental Specification	
Storage Temp.	-20 to +80°C
Storage Humidity	10 – 90% RH non-condensing
Operating Temp. (°C)	0 to + 40°C
Safety	
Safety & EMC	CB60950/UL62368/TUV62368 CE/RCM/AU-GEMS/CCC/BSMI/ PSE FCC Part 15B CLASS B/ CISPR32 EN55032 CLASS B/VCCI LEVEL II
RoHs	YES

### Dimensions

