

# 96PSA-A150W24T2

Adapter Power Supply



## Features

- Full range AC input 90V~264V
- Meet Energy Star EPS 2.0 /ErP Lot 7
- No load Power Consumption  $\leq 0.21W$
- High Reliability
- Available for high altitude(5,000M) and DOE level VI

## General

|                       |                                        |
|-----------------------|----------------------------------------|
| Advantech Part Number | 96PSA-A150W24T2                        |
| Description           | FSP A/D 100240V 150W 24V W/PFC Adapter |
| Manufacturer          | FSP Technology                         |

## Output Specifications

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| Output Power             | 150W                                                      |
| Output Voltage & Current | 24VDC@5A                                                  |
| Efficiency (%)           | 100Vac / 5A load $\geq 88\%$ 240Vac / 5A load $\geq 90\%$ |
| Main Connector           | Signal                                                    |

## Mechanical

|                       |                                |
|-----------------------|--------------------------------|
| Form Factor           | N/A                            |
| Dimension (L x W x H) | 171x72x42mm                    |
| Vibration             | 0.01g <sup>2</sup> /Hz at 5 Hz |
| MTBF                  | 200,000 hours at 25°C          |
| Fan Function          | NO                             |
| Power Switch Function | NO                             |

## Input Specifications

|                     |                                       |
|---------------------|---------------------------------------|
| Input Voltage Range | 100 - 240V                            |
| Input Current       | 100Vac, 240Vac / 5.25A load $\leq$ 2A |
| Input Frequency     | 4763Hz                                |
| PFC Function        | W/PFC                                 |
| Input Current Type  | AC to DC                              |

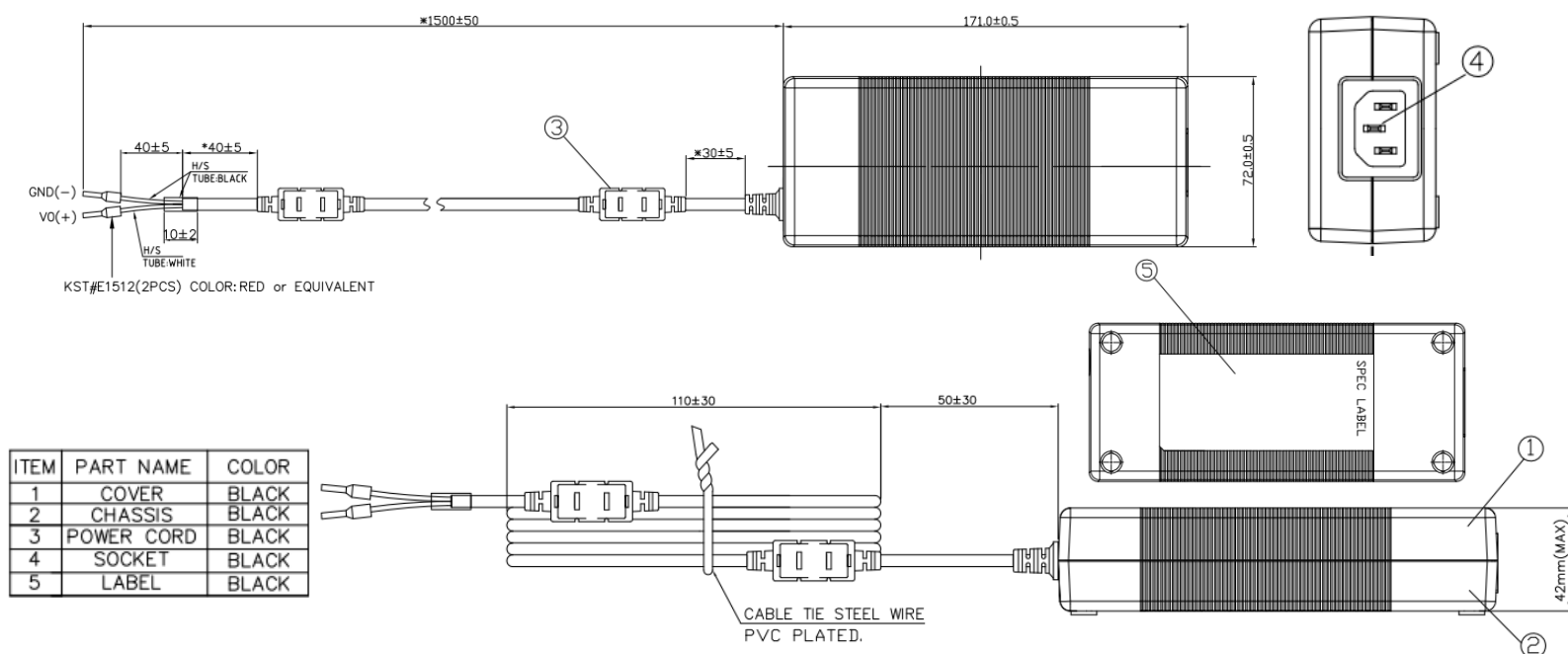
## Environmental Specification

|                      |              |
|----------------------|--------------|
| Storage Temp.        | -20 to +80°C |
| Storage Humidity     | 10 – 90% RH  |
| Operating Temp. (°C) | 0 to + 40°C  |

## Safety

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Safety & EMC          | Class B                                                                                |
| Max Temp. (°C) @ Load | 70C @ 74%                                                                              |
| Safety Standard       | CUL (UL 60950) / CB (IEC 60950) / CCC / CE / FCC / GS (EN 60950) / Efficiency Level VI |
| RoHs                  | YES                                                                                    |

## Drawing



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