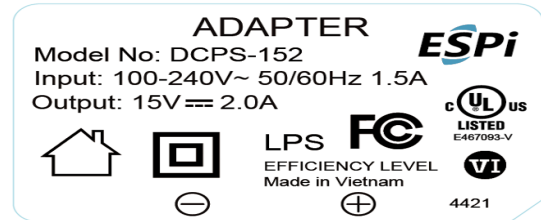




## ESPi – 15V AC/DC Power Supply

**Model No: DCPS-152**



### INPUT:

- Rated Voltage: 100 – 240Vac
- Rated Frequency: 50/60Hz
- Input Current: 1.5 Amps max at rated load
- Standby Input Power: No More Than 0.5W Under the Rated Input Voltage (100-240Vac)
- In-rush Current: 25°C 230Vac 30 Amps Max.
- AC: Leakage Current: 264Vac 0.25mA Max.

### OUTPUT:

- 15VDC 2.0 Amps 30W
- Combined Load/Line Regulation  $\pm 1\%$  /  $\pm 5\%$
- Turn on delay time: 3 Second Max.at 100Vac input and output Max. load
- Rise time: 40 MS Max.at 100Vac input and output Max load
- Hold up time: 5 MS Min at 100Vac input and output Max. Load

**UL LISTED: US and Canadian Certification Listed to E467093-V**

### EFFICIENCY:

- Energy Star Compliance Level VI Requirement

### PROTECTION FUNCTION:

- Short circuit protection:

An output short circuit is defined as any output impedance of less than 0.1 ohms. The power supply will be normally without damage to overseers of the unit (components, connectors, etc) under the input conditions. The power supply must withstand a short during wiring. Note: The power supply has over current protection but has no over voltage protection.

**ENVIRONMENTAL REQUIREMENT:**

- Operating Ambient Temperature:  
0°C to 25°C, Full load, Normal operation
- Non-operating Ambient:  
-25°C to +55°C
- Operating Ambient Humidity:  
20% - 80%, Normal operating

**VIBRATION:**

- Operating:
  - IEC 721-3-3 3M3
  - 5 - 9Hz, A=1.5mm
  - 9- 200Hz, Acceleration 5m/s<sup>2</sup>
- Transportation:
  - IEC 721-3-2 2M2
  - 5-9Hz, A = 3.5mm
  - 9 - 200Hz, Acceleration = 5m/S<sup>2</sup>
  - 200 - 500Hz, Acceleration = 15m/S<sup>2</sup>
  - Axes, 10 cycles per axis
- Dropping:
  - Fallen from 0.94M to the 10mm wooden floor, there should be no damage on the plugs or housing

**SAFETY AND EMI REQUIREMENT:**

- EN60950 UL60950
- Insulation Resistance: 500VDC primary to the secondary input impedance of 100MΩ (Min) - DIELECTRIC STRENGTH Hi-Pot:
  - Primary to secondary,3000Vac/5mA/60s
  - Primary to Case,3000Vac/5mA/60s

**EMI STANDARD:**

- EN55022 class B rules FCC Part15

**MECHANICAL REQUIREMENT:**

- Enclosure:
  - L110 x W54 X D58 mm
  - Lug terminals for output power. LED light to indicate that the power supply is functioning properly.