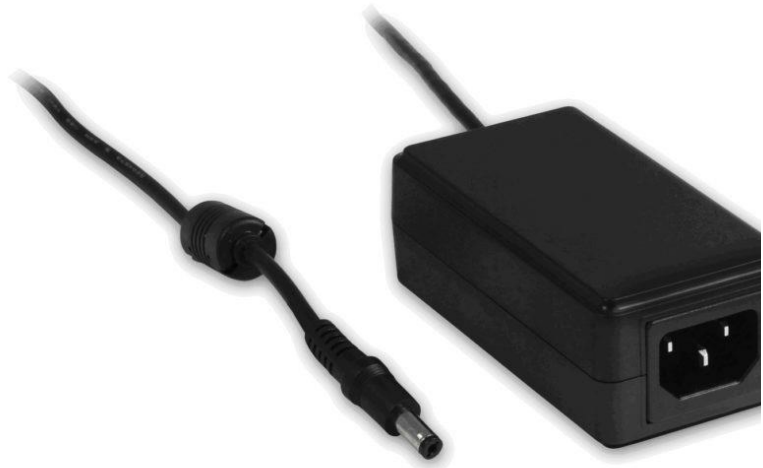


FEATURES

- Universal input 100-240VAC
- Single Output 5-30V DC
- Output power: 65W
- Class I (C14)
- Worldwide Approvals
- Safety Protection
- EN/IEC 62368-1 Safety Approved

Desktop Power Supply



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Desktop Power Supply

Product Description

RS's 30W AC/DC External Desktop Power Supply (PSU) Series are certified to CE, cULus, TUV, RCM (C-Tick), RoHS, REACH & UL/IEC/EN 62368-1 Standards and comply with Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

Electrical Specifications

| RS Stock# | Input Voltage | Output Voltage | Output Current | Output Wattage | Efficiency (Typ) |
|-----------|---------------|----------------|----------------|----------------|------------------|
| 1440968 | 100~240Vac | 5.0Vdc | 4A | 20.0W | 83.08% |
| 1440971 | 100~240Vac | 12.0Vdc | 2.5A | 30.0W | 86.94% |
| 1440972 | 100~240Vac | 24.0Vdc | 1.25A | 30.0W | 86.94% |

General Specifications

| | |
|-------------------------|----------------------------------|
| Type | Switching Mode Power Supply |
| Input Connector | IEC 320-C14 |
| Output Connection | 2.1x5.5x12.0mm +ve inner/centre |
| Number of Outputs | 1 |
| Energy Efficiency Level | VI |
| Mounting Style | Desktop |
| MTBF | 100,000 hours calculated at 25°C |
| Cable Length | 1.83M |
| Cable Type | 16AWG/18AWG (Depending on model) |
| Medical Approved | No |

Mechanical Specifications

| | |
|--------------------|-----------------------------|
| Housing Material | Fully Enclosed Plastic Case |
| Overall Dimensions | 99mm x 52mm x 36mm |
| Overall Length | 99mm |
| Overall Depth | 363mm |
| Overall Width | 52mm |

Desktop Power Supply

| Input Specifications | |
|--------------------------|---|
| Rated Input Voltage | 100~240Vac ($\pm 10\%$) |
| Rated Frequency | 47~63Hz |
| Efficiency Level VI | Level VI / Efficiency (EU) 2019/1782 |
| Input Current | 0.8A |
| Inrush Current | 60A Max. / 230Vac (Cold Start At 25°C, Full Load) |
| Touch Current | Less than 100 μ A |
| Input Protection | Internal Primary Current Fuse |
| Output Specification | |
| Ripple & Noise (max.) | 200mVp-p Max. for Output Voltage @ Full Load |
| Voltage Tolerance | $\pm 5\%$ |
| Load Regulation | $\pm 5\%$ |
| Hold-up Time | 10ms @ Full Load |
| Turn on Time | 2S Max at 110 V AC @ Full Load |
| Number of Outputs | 1 |
| Insulation Class | I |
| Dielectric Strength | Primary to Secondary with Stands AC 3.0KV For 2 Seconds, 4mA. |
| Isolation Resistance | 50M Ω for 500Vdc |
| Short Circuit Protection | Auto-recovery. |
| Input Protection | The switching power supply has a 2 Amps inner current fuse to protect itself. |

Approvals

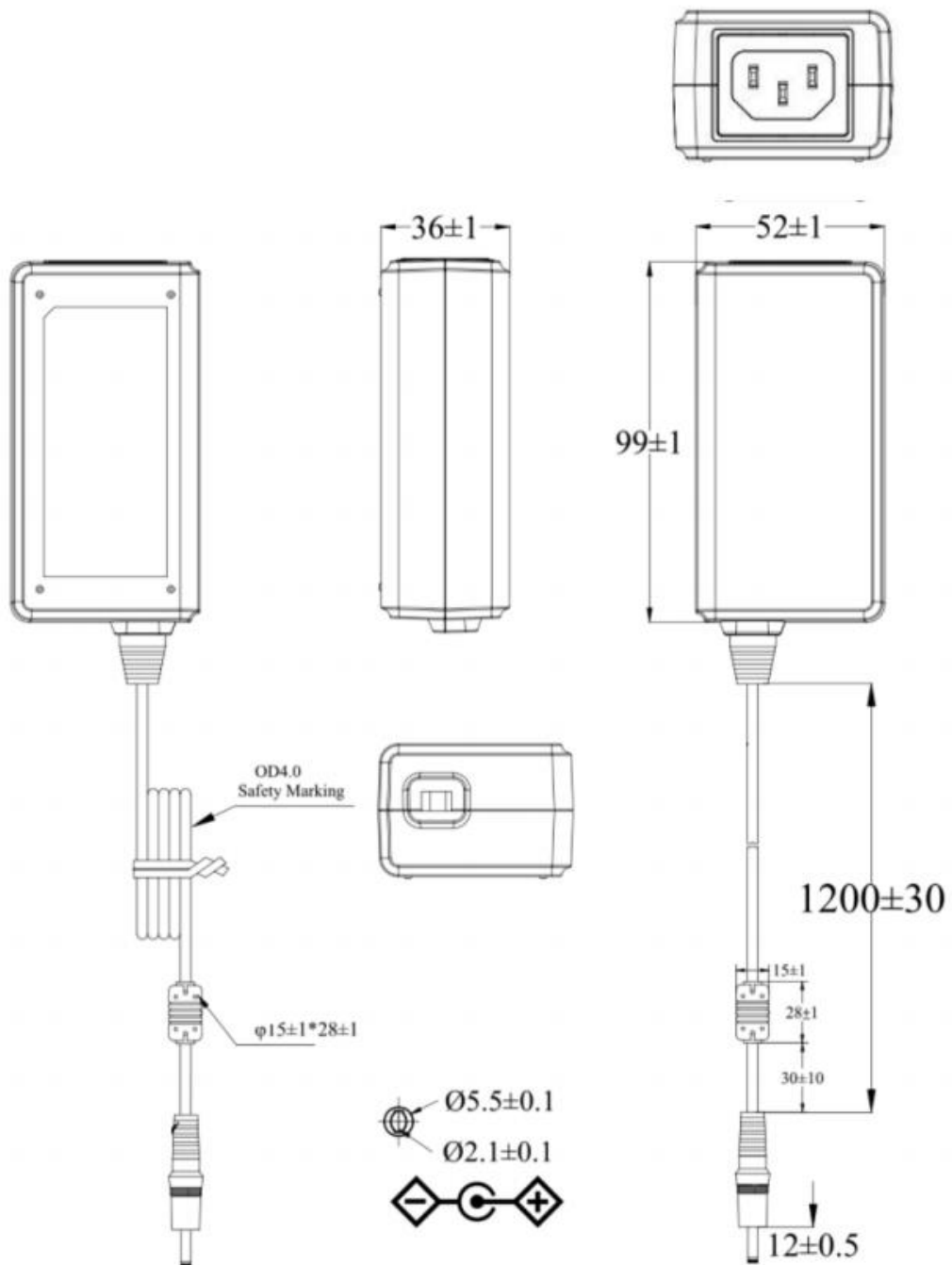
| | |
|---------------------------|---|
| Compliance/Certifications | UKCA/ CE/ CB/ UL/ cUL/ TUV |
| Safety Standard | UL62368-1, EN 62368-1, IEC 62368-1, J60950-1 approved |
| EMC Emission | Compliance to EN 55032, EN 55024, EN 55014, FCC |

Desktop Power Supply

Similar Products

| Stock No. | Brand | Product Name | Attribute 1 | Attribute 2 | Attribute 3 |
|-----------|--------|--------------|-------------|-------------|-------------|
| XXX-XXXX | RS PRO | | | | |
| XXX-XXXX | RS PRO | | | | |

Product Images



RS labels

