



PWR-C1-1900WAC-P DataSheet

1900 W AC Power Supply PWR-C1-1900WAC-P for Cisco Catalyst 9300 delivers platinum efficiency, 20 ms holdup, and hot-swap redundancy.

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PWR-C1-1900WAC-P Description

PWR-C1-1900WAC-P is Cisco's highest-capacity platinum-rated AC power supply for Catalyst 9300 and C9300L switches. Also referred to as the Cisco 1900W PSU, it delivers -56 V at 26.78 A, providing 6,483 BTU/hr at 230 VAC. With a ≥ 20 ms holdup time and hot-swap capability, it ensures continuous PoE+ and UPoE+ operation even during brief outages. Its 200–240 VAC auto-range input, IEC C22 receptacle, and enterprise-grade MTBF make it ideal for high-density PoE deployments and mission-critical network environments.

Model Meaning

| Field | Meaning |
|-------|--|
| PWR | Power supply module for Cisco Catalyst |
| C1 | Compatible with Catalyst 9300/C9300L |
| 1900W | Maximum output power: 1,900 watts |
| AC | Alternating-current input |
| -P | Platinum-rated efficiency level |

Model comparison

| Parameter | PWR-C1-1100WAC-P | PWR-C1-715WAC-P | PWR-C1-1900WAC-P |
|-------------------|----------------------------------|---------------------------------|-------------------------|
| Output Power | 1,100 W | 715 W | 1,900 W |
| Total BTU/hr | 3,754 BTU/hr | 2,440 BTU/hr | 6,483 BTU/hr |
| Input Range | 115-240 VAC | 115-240 VAC | 200-240 VAC |
| Input Current | 12-6 A | 10-5 A | 16 A |
| Output Ratings | -56 V @ 33.92 A | -56 V @ 12.8 A | -56 V @ 26.78 A |
| Holdup Time | ≥ 20 ms | ≥ 20 ms | ≥ 20 ms |
| Connector Type | IEC C22 | IEC C16 | IEC C22 |
| Power Cord Rating | 20 A | 15 A | 20 A |
| Operating Temp. | -5 °C to +45 °C | -5 °C to +35 °C | -5 °C to +45 °C |
| Weight | 1.4 kg | 1.2 kg | 1.4 kg |
| MTBF | 1.22 M hours | 1.05 M hours | 1.22 M hours |

Specification

| Parameter | Specification |
|------------------------------|---------------------------------|
| Model Number | PWR-C1-1900WAC-P |
| Rated Output Power | 1,900 W |
| Total Output BTU/hr | 6,483 BTU/hr |
| Input-Voltage Range | 200-240 VAC, 55-60 Hz |
| Input Current | 16 A max |
| Output Ratings | -56 V @ 26.78 A |
| Output Holdup Time | ≥ 20 ms at 100 VAC |
| Connector Type | IEC 320-C22 |
| Power Cord Rating | 20 A |
| Operating Temperature | -5 °C to +45 °C, up to 5,000 ft |
| Weight | 3.1 lb (1.4 kg) |
| MTBF | 1,217,904 hours |

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