



15W Interchangeable Wall Plug Adapter



Features

- Double Insulated
- Field Changeable AC Plugs – sold separately
- DOE Level VI Compliant
- ErP 2009/125/EC (EU 2019/1782)
- Class B EMI
- Limited Power Source (LPS)

Applications

- Wireless Communications
- Portable Equipment
- Peripherals
- Networking

*NRCan approval for PSC15R-050-R, PSA15R-120P6-R, PSA15R-150P6-R, PSA15R-240P6-R, PSA15R-480P6-R models only



PSX15R Specifications¹

| Model | | PSC15R-050-R [*] | PSC15R-060-R | PSC15R-075-R |
|--------------------------|---|---|--------------|--------------|
| Output | DC Output Voltage | 5.0V | 5.9V | 7.5V |
| | Max Current | 3.0A | 2.5A | 2.0A |
| | Output Power | 15.0W | 14.75W | 15.0W |
| | Regulation | ± 5% | ± 5% | ± 5% |
| | Ripple & Noise P-P(max) ² | 100mV | 100mV | 100mV |
| Input | AC Input Voltage Range | 90 to 264VAC | | |
| | AC Input Frequency | 47 to 63Hz | | |
| | Input Current | 0.5A (RMS) max for 120Vac/max load 0.25A (RMS) max for 240Vac/max load | | |
| | Inrush Current | <40A for 120VAC, <60A for 240VAC (Cold start at ambient 25°C, full load) | | |
| | No Load Power Consumption at 115VAC Input | 0.034W | 0.044W | 0.049W |
| | No Load Power Consumption at 230VAC Input | 0.061W | 0.074W | 0.078W |
| | 115VAC Average Efficiency ³ | 84.0% | 84.1% | 86.1% |
| | 230VAC Average Efficiency ³ | 83.33% | 83.0% | 85.3% |
| | 230VAC 10% Load Efficiency ³ | 80.58% | 79.5% | 81.5% |
| | Leakage Current | 0.25mA max | | |
| Protection | Over-Voltage | <13V | | |
| | Short Circuit | The output can be shorted permanently without damage. | | |
| | Over-Current | 2A Short circuit auto-restart | | |
| Environmental | Operating Temperature | 0°C to +40°C | | |
| | Non-Operating Temperature | -40° to +85°C | | |
| | Operating Humidity | 20 to 90% | | |
| Safety Approvals and EMC | Dielectric Withstand (HI-POT) | Primary to Secondary: 3000VAC for 1min, 10mA | | |
| | Insulation Resistance | Primary to Secondary: >7M ohm for 500VDC | | |
| | Standards | cULus 60950-1, cULus 62368-1, IEC60950-1, IEC 62368-1, AS/NZ 60950-1 | | |
| | EMI Emissions | FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32 Class B Conducted and Radiated, | | |
| | Harmonic Current Emissions | IEC 61000-3-2 | | |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 | | |
| | Immunity | EN 55024/CISPR 24: IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 | | |
| Mechanical | Dimensions (L x W x H) | 71.7mm (2.82in) x 50mm (1.97in) x 33.2mm (1.31in) | | |
| | Weight | 115g | | |
| | DC Cord | 1500mm | | |
| | DC Output Connector | 5.5mm x 2.1mm x 10mm center positive | | |

| Model | | PSC15R-090-R | PSA15R-120P6-R* | PSA15R-150P6-R* |
|--------------------------|---|---|-----------------|-----------------|
| Output | DC Output Voltage | 9.0V | 12.0V | 15.0V |
| | Max Current | 1.67A | 1.25A | 1.0A |
| | Output Power | 15.0W | 15.0W | 15.0W |
| | Regulation | ± 5% | ± 5% | ± 5% |
| | Ripple & Noise P-P(max) ² | 120mV | 100mV | 100mV |
| Input | AC Input Voltage Range | 90 to 264VAC | | |
| | AC Input Frequency | 47 to 63Hz | | |
| | Input Current | 0.5A (RMS) max for 120Vac/max load 0.25A (RMS) max for 240Vac/max load | | |
| | Inrush Current | <40A for 120VAC, <60A for 240VAC (Cold start at ambient 25°C, full load) | | |
| | No Load Power Consumption at 115VAC Input | 0.062W | 0.031W | 0.049W |
| | No Load Power Consumption at 230VAC Input | 0.092W | 0.054W | 0.072W |
| | 115VAC Average Efficiency ³ | 87.1% | 86.3% | 85.6% |
| | 230VAC Average Efficiency ³ | 86.4% | 85.6% | 85.3% |
| | 230VAC 10% Load Efficiency ³ | 81.0% | 77.5% | 73.6% |
| | Leakage Current | 0.25mA max | | |
| Protection | Over-Voltage | <13V | | |
| | Short Circuit | The output can be shorted permanently without damage. | | |
| | Over-Current | 2A Short circuit auto-restart | | |
| Environmental | Operating Temperature | 0°C to +40°C | | |
| | Non-Operating Temperature | -40° to +85°C | | |
| | Operating Humidity | 20 to 90% | | |
| Safety Approvals and EMC | Dielectric Withstand (HI-POT) | Primary to Secondary: 3000VAC for 1min, 10mA | | |
| | Insulation Resistance | Primary to Secondary: >7M ohm for 500VDC | | |
| | Standards | cULus 60950-1, cULus 62368-1, IEC60950-1, IEC 62368-1, AS/NZ 60950-1 | | |
| | EMI Emissions | FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32 Class B Conducted and Radiated, | | |
| | Harmonic Current Emissions | IEC 61000-3-2 | | |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 | | |
| | Immunity | EN 55024/CISPR 24: IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 | | |
| Mechanical | Dimensions (L x W x H) | 71.7mm (2.82in) x 50mm (1.97in) x 33.2mm (1.31in) | | |
| | Weight | 115g | | |
| | DC Cord | 1500mm | | |
| | DC Output Connector | 5.5mm x 2.1mm x 10mm center positive | | |

| Model | | PSA15R-240P6-R ¹ | PSA15R-480P6-R ¹ |
|--------------------------|---|---|-----------------------------|
| Output | DC Output Voltage | 24.0V | 48.0V |
| | Max Current | 0.65A | 0.313A |
| | Output Power | 15.6W | 15.0W |
| | Regulation | ± 5% | ± 5% |
| | Ripple & Noise P-P(max) ² | 200mV | 400mV |
| Input | AC Input Voltage Range | 90 to 264VAC | |
| | AC Input Frequency | 47 to 63Hz | |
| | Input Current | 0.5A (RMS) max for 120Vac/max load 0.25A (RMS) max for 240Vac/max load | |
| | Inrush Current | <40A for 120VAC, <60A for 240VAC (Cold start at ambient 25°C, full load) | |
| | No Load Power Consumption at 115VAC Input | 0.062W | 0.061W |
| | No Load Power Consumption at 230VAC Input | 0.081W | 0.079W |
| | 115VAC Average Efficiency ³ | 85.8% | 86.4% |
| | 230VAC Average Efficiency ³ | 85.1% | 86.9% |
| | 230VAC 10% Load Efficiency ³ | 72.4% | 75.8% |
| | Leakage Current | 0.25mA max | |
| Protection | Over-Voltage | <13V | |
| | Short Circuit | The output can be shorted permanently without damage. | |
| | Over-Current | 2A Short circuit auto-restart | |
| Environmental | Operating Temperature | 0°C to +40°C | |
| | Non-Operating Temperature | -40° to +85°C | |
| | Operating Humidity | 20 to 90% | |
| Safety Approvals and EMC | Dielectric Withstand (HI-POT) | Primary to Secondary: 3000VAC for 1min, 10mA | |
| | Insulation Resistance | Primary to Secondary: >7M ohm for 500VDC | |
| | Standards | cULus 60950-1, cULus 62368-1, IEC60950-1, IEC 62368-1, AS/NZ 60950-1 | |
| | EMI Emissions | FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32 Class B Conducted and Radiated, | |
| | Harmonic Current Emissions | IEC 61000-3-2 | |
| | Voltage Fluctuations & Flicker | IEC 61000-3-3 | |
| | Immunity | EN 55024/CISPR 24: IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 | |
| Mechanical | Dimensions (L x W x H) | 71.7mm (2.82in) x 50mm (1.97in) x 33.2mm (1.31in) | |
| | Weight | 115g | |
| | DC Cord | 1500mm | |
| | DC Output Connector | 5.5mm x 2.1mm x 10mm center positive | |
| Notes | <ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25°C, unless otherwise specified. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load). Efficiency is measured after 30 minutes burn-in. | | |

¹NRCan approval for PSC15R-050-R, PSA15R-120P6-R, PSA15R-150P6-R, PSA15R-240P6-R, PSA15R-480P6-R models only



**Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information**


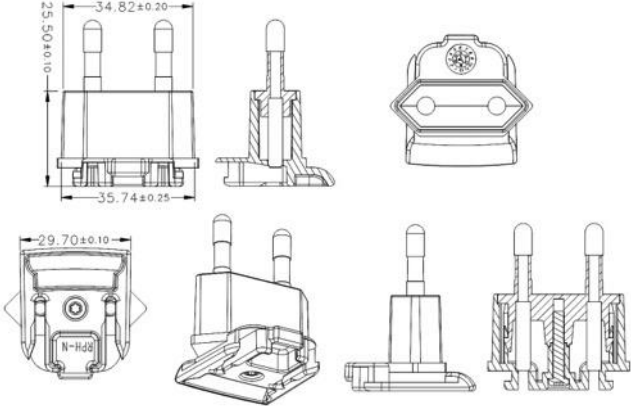

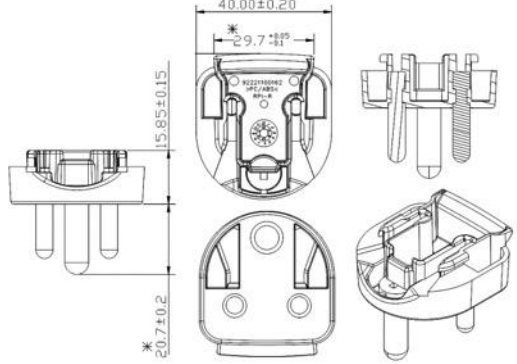

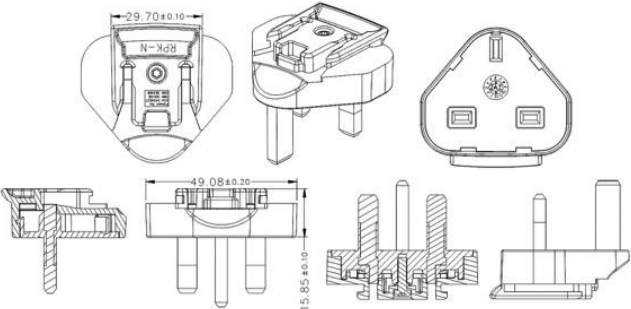

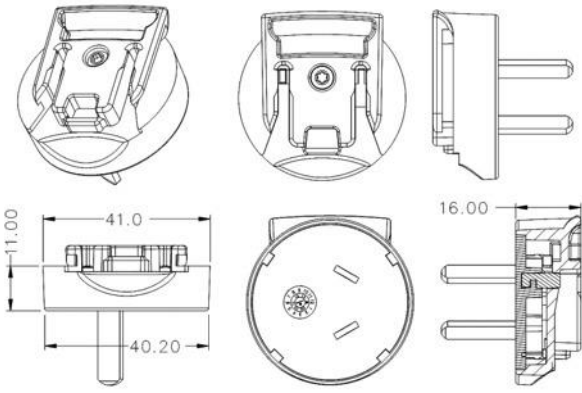
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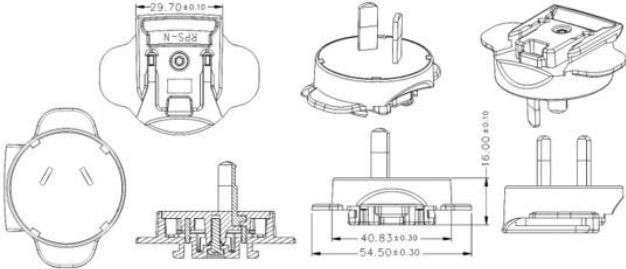

This device complies with/The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



AC Input Clips – Sold Separately

| Model | Photo | Description | Outline Drawing - mm |
|-------------|-------|-------------|----------------------|
| RPA-AB01B-H | | US Clip | |
| RPB-AB01B-H | | Brazil Clip | |
| RPC-AB01B-H | | China Clip | |
| RPE-AB01B-H | | Europe Clip | |

| Model | Photo | Description | Outline Drawing - mm |
|-------------|---|----------------|--|
| RPH-AB01B-H |  | Korea Clip |  |
| RPI-AB01B-H |  | India Clip |  |
| RPK-AB01B-H |  | UK Clip |  |
| RPN-AB01B-H |  | Argentina Clip |  |

| Model | Photo | Description | Outline Drawing - mm |
|---------------|---|----------------|--|
| RPS-AB01B-H |  | Australia Clip |  |
| RPBAG-AB01B-H | <p>RPA-AB01B-H, RPE-AB01B-H, RPK-AB01B-H and RPS-AB01B-H interchangeable clips in a plastic bag.</p>  | | |

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