

## Datasheet

# RS Pro Power Adapter Global Plug

RS Pro: 135-4177



### Features

- Efficiency Level VI Compliance
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Level 2 annex 1b Compliant
- No-load Power Saving
- High Efficiency
- Compact Size
- Class II Double Insulated

### Applications

- Peripherals
- Gaming Machines
- Point of Sale Equipment
- Network Equipment


### Safety Approvals

- UL/cUL 60950-1
- CE
- CB
- SAA+C-TICK+MEPS

### Mechanical Characteristics

- Length: 82.7mm (3.26in)
- Width: 55mm (2.17in)
- Height: 39.1mm (1.54in)
- Weight: 180g (6.35oz)

### Output Specifications

Stock Number	DC output Voltage	Load		Regulation		Output Power	Efficiency Level
		Min.	Max.	Line	Load		
135-4177	48V	0A	0.42A	±5%		20W	

**PSAA20R Characteristics****Input:****AC Input Voltage Rating**

100 to 240V AC

**AC Input Voltage Range**

90V AC to 264V AC

**AC Input Frequency**

47 to 63Hz

**Input Current**

0.8A (RMS) Max. @120VAC &amp; Max. load

0.5A (RMS) Max. @240VAC &amp; Max. load

**Leakage Current**

0.25mA maximum at 264V AC/60Hz

**Inrush Current**

60A Max. @100VAC &amp; Max. load

100A Max. @240VAC &amp; Max. load (Cold start at ambient 25°C)

**Input Power Saving**

&lt;0.1W Max. @230VAC, 50Hz

**Output Efficiency**

DOE Level VI

**Ripple**

5V – 80mV      24V – 120mV

12V – 120mV    48V – 120mV

**Hold-up Time**

10ms Min. @ full load 115VAC/ 60Hz

**Over-Current Protection**

Short circuit. Auto Restart.

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Environmental: Temperature**

Operation                      0 to +40°C

Non-operation                -20 to +75°C

Humidity                        20 to 90%

**Emissions**

FCC Class B

EN55022 Class B

**Immunity**

EN61000-4-2                    Level 4

EN61000-4-3                    Level 2

EN61000-4-4                    Level 2

EN61000-4-5                    Level 2

EN61000-4-6                    Level 2

EN61000-4-8                    Level 1

EN61000-4-11

**Dielectric Withstand (Hi-pot) Test**Primary to Secondary: 3000 Vac or 4242 Vdc , 10 mA  
1minute. 3600 Vac or 5090 Vdc , 10 mA 3Second.**DC Output Connector**Female plug, 5.5mm O.D., 2.1mm I.D., 9.5mm length.  
Center conductor positive**DC Cord Length**

1500mm

**AC Input clips (sold separately)**

RPA: US                      RPI: India

RPB: Brazil                  RPK: UK

RPC: China                  RPN: Argentina

RPE: Europe                RPS: Australia

RPH: Korea                  RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)

