

## Rackpower Australia – PDU Configuration Guide

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**Step 1:** Identify total number of sockets on PDU

**PR??** Example 10 x C13 IEC and 4 x 10A SAA (Australian)

Total sockets = 14

**PR14**

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**Step 2:** Is the PDU vertically or horizontally mounted

**PR14?**. Options: V for Vertical, H for Horizontal

Lets use vertical in this example.

**PR14V.**

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**Step 3:** Specify socket types and positions.

**PR14V.?????**.

You will need to consult the connector chart and the end of this document.

In our example above we chose 10 x C13 IEC and 4 x 10A SAA.

A C13 IEC is a connector type C and a 10 SAA is a connector type A.

Working from the bottom of the PDU up (where the power leads enters the PDU) specify the number and position of the sockets.

**PR14V.10C4A.** - 10 x C13 IEC at the bottom then 4 x 10A SAA above.

**PR14V.4A10C.** – 4 x 10A SAA at the bottom the 10 x C13 IEC above.

In general horizontal PDU's do not require specific connector positions.

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**Step 4:** Specify plug type

PR14V.10C4A.?

Note: The standard length of the power lead is 2M unless specified (see later).

You will need to consult the connector chart and the end of this document.

Example: 15A captive SAA plug. Type:G

PR14V.10C4A.G

Note: the Circuit breaker and cable rating will always match the plug type rating, so in the above example a 15A breaker would be installed. For ratings above 20A please consult our sales department.

**You have now completed the part number unless you have additional option such as longer lead length or colour change. See below for PDU example configurations.**

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**Step 5:** Specify lead length \*\* only required if other than 2M \*\*

PR14V.10C4A.G.?M

If you wanted a 3 meter lead then;

PR14V.10C4A.G.3M

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**Step 6:** Specify front panel colour \*\* only if other than black \*\*

PR14V.10C4A.G.???

If you wanted Blue then the code is BLU

PR14V.10C4A.G.BLU

Colour codes are;

BLU - blue

RED - red

WHT - white

GRN – green

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**Option: no circuit breaker**

In all 10, 16 and 20A PDU's a thermal circuit breaker is included as standard if no circuit breaker required add **.NCB** to the part number.

Examples:

### PR10V.10A.B

Vertical 10 Amp PDU with 10 x 10A SAA sockets and 10A SAA plug

### PR20V.20C.D

Vertical 10 Amp PDU with 20 x C13 IEC sockets and C14 IEC plug

### PR18V.4A10C4A.G

Vertical 15 Amp PDU with 8 x 10A SAA and 10 x C13 IEC and 15 Amp captive plug. PDU will be configured with 4 x 10A SAA then 10 x C13 IEC then 4 x 10A SAA.

To create this PDU using our modular system you would use 1 x base module, 2 x module 2 and 1 x module 4. See website for further details on module layouts.

### PR20V.20A.G.3M

Vertical 15 Amp PDU with 20 x 10A SAA sockets and a 15 Amp captive plug with a 3 meter lead.

### PR6H.6A.B

Horizontal 10 Amp PDU with 6 x 10 Amp SAA sockets and 10A SAA plug

### PR10V.10A.BC

Vertical 10 Amp PDU with 10 x 10 Amp SAA sockets and 10 Amp moulded plug (type B) with captive screw cap fitted.

### PR10V.10A.B.BLU

Vertical 10 Amp PDU with 10 x 10A SAA sockets and 10A SAA plug with a blue front panel.



Type A – 10A SAA socket



Type B – 10A SAA plug



Type C – C13 10A IEC socket



Type D – C14 10A IEC plug



Type E – C19 16A IEC socket



Type F – C20 16A IEC plug



Type G – 15A SAA captive plug



Type H- 20A round pin captive plug



Type J – 32A round pin captive plug



Type K – 15A SAA plug



Type M – 15A SAA socket



Type N – 20A SAA flat pin plug



Type P – 10A SAA captive plug



Type Q – 15A SAA captive in line socket



Captive plug top for moulded plugs  
10A SAA type B (use BC for plug code)  
15A SAA type K (use KC for plug code)