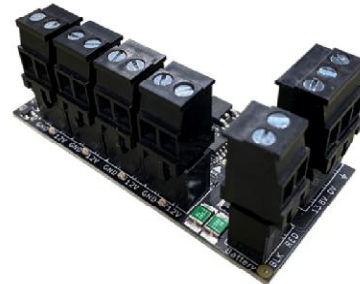


Plug in Power Supply for EC Expander Modules

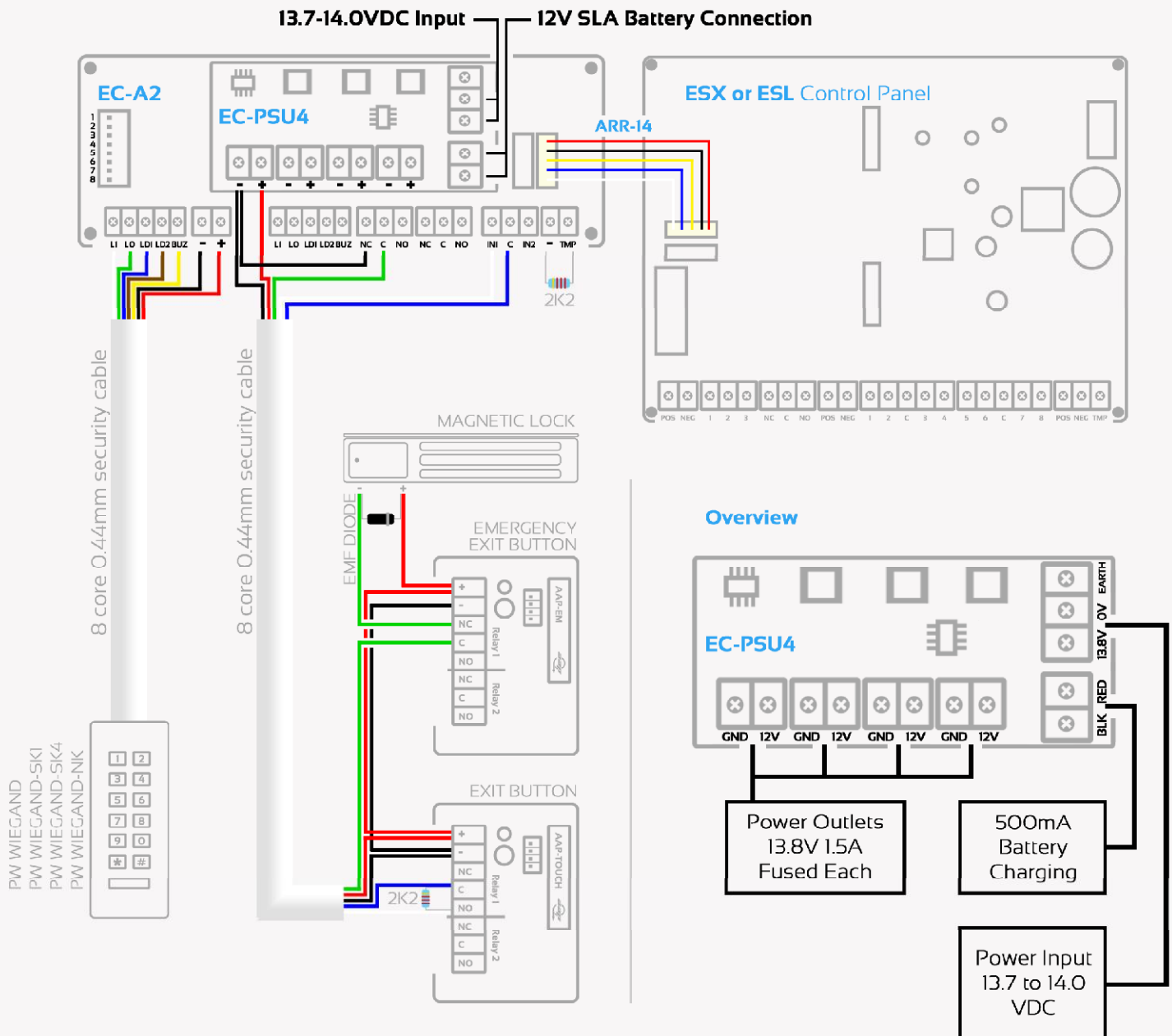
Plugs into the EC-A2, EC-Z8 & EC-O4 expanders or Slave PCB to provide power up to 6A @ 13.8VDC. If EC-PSU4 is plugged into an EC expander the Mains and Battery inputs are monitored directly to the ESX control panel with no extra connections

Features

- **Input** - 13.7-14VDC
- **Output** - 13.7-14.0VDC upto 6A (depending on source psu)
- **Battery charging** - 500mA
- **Low voltage disconnect** - 10.5V
- **Dynamic battery monitoring** - Via EC Expander
- **Fuse & Mains fail monitoring** - Via EC Expander
- **Auto resetting fused output** - 4 x 13.8VDC 1.5A



The example below shows an EC-PSU4 plugged into the EC-A2 module for 1 door access control



Input Power Supply

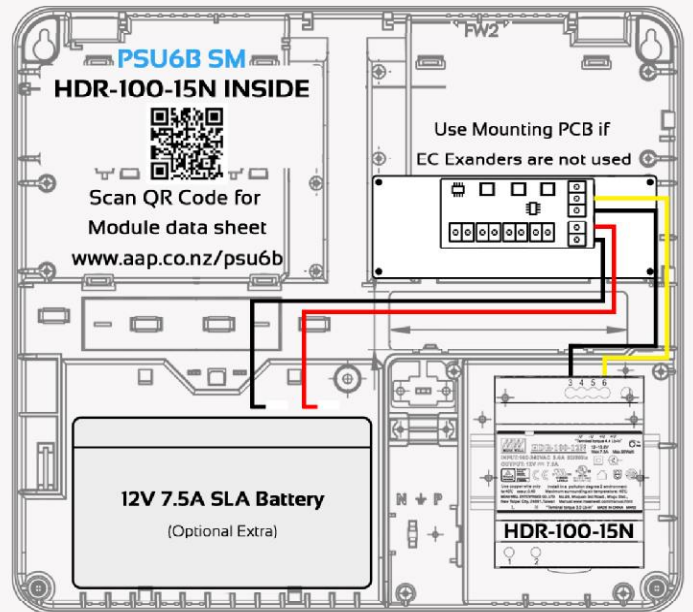
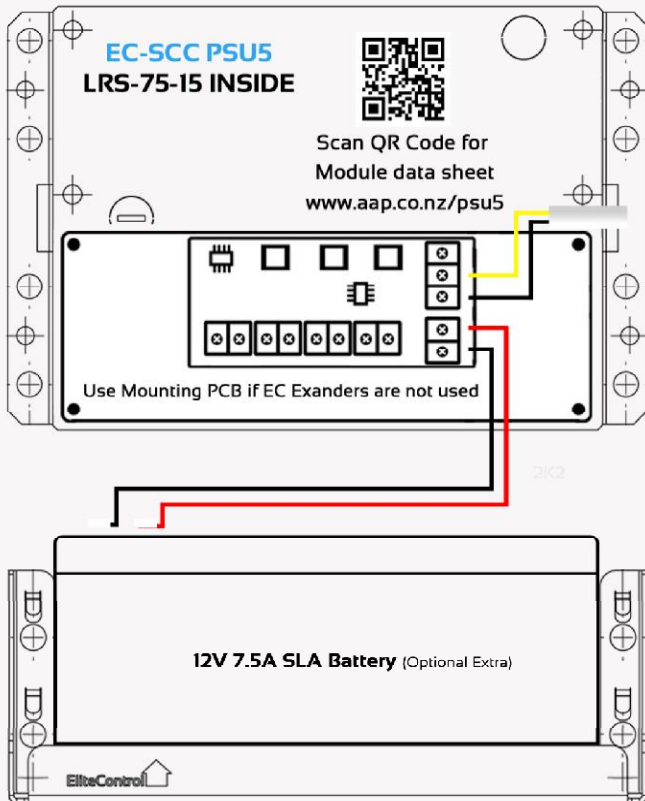
The EC-PSU4 is designed to be powered from a Switch Mode Power Supply with an output voltage set from 13.7 to 14.0 VDC, with a current rating from 4 to 6 Amps.

EC-SCC PSU5

- Input: 200 to 264VAC (0.8A)
- Output: 13.8VDC 5A(total current)
- Switch Mode Module: MEAN WELL LRS-75-15
- Ideal for structured cabling cabinets
- IEC power inlet (NZ 3-pin mains cable supplied)

PSU6B SM

- Input: 200 to 264VAC (1.6A)
- Output: 13.8VDC 6A(total current)
- Switch Mode Module: MEAN WELL HDR-100-15N
- In Plastic cabinet, with space for 1 x 7.5A/h
- Fused Screw Terminal for Mains Input



EC-SCC BATT - Optional battery holder for structured cabling cabinets. Ideal for mounting SLA batteries directly above or below the power supply

Current Draw Reference Table

Use the following current draw table to determine the amount of power required for your specific system. Note: Electric lock power requirements will vary. Refer to the lock technical data relating to your specific lock for an accurate calculation. We also recommend allowing a 30% overhead to your calculation as a safeguard

Product	Current Draw	Quantity Used	Current
EC-A2	100mA		
PW WIEGAND (all models)	100mA		
AAP-EM	50mA		
AAP-TOUCH	50mA		
Magnetic Lock (estimate)	500mA		
Strike Lock (estimate)	250mA		
V-Lock (estimate)	1000mA		
EC-Z8	100mA		
EC-O4	100mA		
EC-TOUCH	250mA		
			Total Current Calculation →