

Don't risk
thousands of
dollars worth of
vaccines being
destroyed by
power outages

Battery
Backup

SMS

Alert option
for outages

Stop patients
going
elsewhere

Protect your Vaccine Fridge with a UPS

(Uninterruptible Power Supply)

UPS System



'We work with surgeries
around Australia to protect
vaccine fridges from power
outages. Reducing loss of
expensive vaccines & impact
to care of patients'


Power
Quality Group

Call Us Now

1800 543 237

sales@pqq.com.au

The Solution

Due to refrigerator compressor power in-rush requirements, we only offer a 3kVA UPS for these applications. this table has 3 x typical refrigerator compressor ratings:

- 95W (small half height)
- 175W (full height single door, fairly common size)
- 225W (full height large)

Options for Back-up Times

The table shows estimates for back up times, based on the fridge compressor continuously running. In reality, the compressor will cycle off for periods, dependent upon the ambient temperature and how often the door is opened.

So, it is likely that the actual runtimes will be even longer in many locations.

We take this conservative approach because of the criticality of the vaccines inside the fridge and battery ageing.

What's included

To enable the UPS to use a standard power 10 amp outlet, we supply 2 adapter cords:

- CPC1NC180-R12 for the UPS to plug into the power outlet
- PQPC.D.A.150 for the fridge to plug into the UPS

Fridge compressor size (watts)	Run time (min)	Run time (hours)	Battery configuration
95	210	3.5	UPS Internal
175	100	1.6	UPS Internal
225	80	1.3	UPS Internal
95	780	13.0	UPS + 1EBM*
175	360	6.0	UPS + 1 EBM
225	300	5.0	UPS + 1 EBM
95	1260	21.0	UPS + 2 EBM
175	720	12.0	UPS + 2 EBM
225	500	8.3	UPS + 2 EBM
95	>24 hours	>24 hours	UPS + 3 EBM
175	1020	17.0	UPS + 3 EBM
225	840	14.0	UPS + 3EBM
95	>24 hours	>24 hours	UPS + 4 EBM
175	1320	22.0	UPS + 4 EBM
225	1080	18.0	UPS + 4 EBM

We also offer an optional remote SMS Monitor, enabling SMS messages to be sent out to 5 mobiles, alerting to a mains power failure. This offers a higher level of notification of an after hours or weekend power fail.

The Monitor also sends an SMS once the power is restored, giving full visibility to the fridges current power situation.

Please note the SIM required for these units is not included, please contact your provider for details. Naturally, we can not guarantee SMS service/coverage in your area.