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# FRIDGE BATTERY BACKUP

The MATOS UPS Series has been specially adapted for use on medical and other refrigerators, by providing a clean, safe and regulated power supply and power correction factor. This provides extended battery backup time if a power cut occurs, and therefore protecting your valuable product.

## Multiple Configurations

Available in 1 or 2 string battery configuration allowing for a run time of up to 8 hours or more.\*

## High Efficiency

Minimal heat dissipation ensures maximum efficiency. Be sure to locate UPS in as cool environment as possible, as this will extend UPS life.

## Self Monitoring

All UPS models feature a self monitoring and fault diagnosis function, alerting you if a problem is detected.

## Power Factor Correction

Improves power factor on refrigerators, reducing the load of high-current compressor starts and extending the life of the components and saving power.

*\* Run time calculated based on first year use testing by an independent tester on a Vaccine Fridge. Battery degradation will occur over the battery life and therefore fridge run times will reduce over the years. Batteries can easily be changed in the future.*

Fridge Model or Equivalent	Door Type	Single String 2k UPS 7Ah approx. runtime	Double String UPS 9Ah approx. runtime
Small Fridge (150L)	Glass	2hrs 46m	8hrs 15m
Large Fridge (250L)	Glass	2hrs 46m	8hrs 22m
Small Fridge (150L)	Solid	2hrs 47m	8hrs 45m
Large Fridge (250L)	Solid	2hrs 38m	10hrs 2m
Large Fridge (350L)	Solid	3hrs 25m	10hrs 1m

*Fridge average run times calculated by independent tester in recommended ambient conditions for refrigerators.*

## Surge Protection

Built in surge protection helps protect your medical fridge from dangerous power spikes and surges such as blackouts and lightning strikes.

## Advanced Microprocessor Controller

The advanced microprocessor controller and LCD display make the 2kVA UPS simple and easy to understand with available notifications for power loss and battery faults, requiring no user maintenance.

