

No-Break™ DC Uninterruptible Power Supply TECHNOLOGY

Innovative Energies proprietary **No-Break™ DC UPS** Technology represents a truly unique, comprehensive approach to providing uninterruptible and secure DC power when you need it. The system maximises the integrity of standby battery installations whilst optimising the life and availability of the back up batteries.

The **No-Break™ DC UPS** intelligent system provides a vastly improved solution over the traditional methods of float charger plus battery. The battery is accurately charged with independent current limit and you cannot overload the charger or overheat the battery.

The **No-Break™ DC UPS** highly efficient system is the ideal solution for:

- Systems which require no transition from mains to battery backup
- Applications having standing load with back up standby battery installed
- Cost effective management of your battery system investment
- Mission Critical systems from 100W to 750W and above

Critical factors in the longevity and capacity of (lead-acid) batteries

- Temperature compensation
- Regular check up
- Controlled charge current
- Deep discharge protection



Unique additional features of the **No-Break™ DC UPS** system

Battery Detection → Monitors integrity of battery circuit hourly (battery missing, open fuse/circuit breaker).

Battery Condition Test (option) → Indicative test of battery autonomy at predetermined intervals (automated battery condition check, ideal for remote sites).

Configurable Software

Adjustable Load:Charge Ratio

Communications Interface Port

(Options RS485, RS232, Ethernet)

- Remotely monitor power supply parameters (output voltage, battery current, power supply current, battery temperature)
- User can log parameters to see trends
- Control battery condition test (enable, disable, start, stop)
- Protocols available:
 - SNMP
 - Modbus using protocol converter
 - IE ASCII code

Battery Circuit Protection

Max. allowable load current (during input power fail)

