

Uninterruptible Power Supplies

Greeve’s range of Uninterruptible Power Supplies offers reliable back-up power using unique battery management technologies that increase battery life and reduce overall cost of ownership.

One of the biggest problems when implementing Back-up Power Supplies is the reliability, failure and cost of batteries. In most systems batteries do not get charged and loaded independently to suit their health which leads to high levels of strain on individual batteries and system failure just when you are relying on it most.



A bespoke mains and renewable power input UPS 19” rack mountable with external batteries

Features

- Power ranges from 200W to 2Kw Standard
- Very high efficiency MOSFET switching technology
- Wide range of input/output configurations
- Each battery individually and optimally charged
- Automatic load sharing across batteries

Key Benefits

- Reduced battery life costs
- Higher System availability
- No catastrophic battery failure
- Flexible configuration & Simple installation
- Remote monitoring

State-of-the art technology

Greeve’s UPS systems apply state-of-the art technology to eliminate the problems of individual battery failure. The core of Greeve’s range of UPS systems is the Greeve UPS Engine that uses extremely efficient load balancing circuits that ensure each battery is charged and loaded optimally. Instead of a weak battery being overcharged or discharged to the point of failure the UPS engine manages each battery independently and reduces the load on a weak battery automatically.

Greeve UPS systems can be supplied to suit customer’s exact requirements and include DC-DC, AC-DC, AC-AC and DC-AC configurations. In addition they can be supplied with our without batteries and in power outputs from 200W to several KW.

System Options:

Options include: SNMP (Ethernet) or CAN Bus monitoring of each battery state and the input/output states; remote monitoring enabling systems to be checked over the internet; multiple source options enable a variety and a mix of source power to the units – including mains, DC generators, photovoltaic cells and wind turbines. Depending on the configuration UPS systems can be supplied as 19” rack mount cabinets, stand-alone enclosures, or transportable cases. In addition to a standard range of configurations, Greeve are able to integrate bespoke system solutions to meet customers’ exact needs.

Single phase AC or DC input

Automatic power source switching

Renewable source inputs

Single phase AC or DC output

SNMP or CAN Bus monitoring

Remote monitoring

Modified sine wave or pure sine wave

Alternative battery technologies

Din-Rail and 19” rack mounting