

PowerWAVE EL

(Single phase 500 VA – 30 kVA)

Three phase 10-160 kVA)



Efficient power for
emergency lighting
and safety equipment.

PowerWAVE EL

Designed to the latest European
EN 50171

True double-conversion and PWM
technology

Inverter stage output galvanic isolation
transformer included

Capable of 120% continuous overload
to meet European emergency lighting
regulations

Parallel mode operation (optional) (hot
standby, redundant, symmetric parallel)

Large charger for faster recharge of
batteries

Maintenance bypass (for complete
isolation of the inverter during
maintenance)

Unique inverter design to suit high inrush
lighting loads

Bypass to load (changeover mode) user
selectable

LCD panel providing accurate detailed
information about load, batteries and
inverter with advanced diagnostics

RS232 and dry contacts for
communication and remote monitoring

Addresses the need for
a range of high performance
static inverters
manufactured using
state-of-the-art technology
to give your operation the
peace of mind it needs.

Boasting true double-conversion and
PWM technology, the entire range is
capable of 120% continuous overload
and has optional parallel modes. UPS
Ltd's most intelligent battery monitoring
maximises service life and a galvanic
isolation transformer is included as
standard.





Common applications

- Emergency lighting systems
- Central power supply systems
- Fire alarm and safety systems
- System and battery test function
- Hospital and medical systems
- Cinemas and entertainment venues
- Retail

PowerWAVE EL 100XA series

High performance static inverter (500-3000VA)

- Wall-mounted and standalone options
- Allows for an internal self-contained battery system capable of supplying standard emergency lighting of 3 hour autonomies
- Fully encapsulated product for lower rated requirements
- High reliability with low maintenance
- Low operating cost
- Wide range of standard ratings available
- Battery options to suit all applications
- Intelligent battery monitoring to maximise service life
- Simple & easy to install with front access

PowerWAVE EL 100 series

Single-phase input and output online static inverter (4-12 kVA)

- Solution for higher power, single-phase loads
- Galvanic isolation transformer at the inverter stage
- High reliability with low maintenance
- Low operating cost
- Wide range of standard ratings available
- Battery options to suit all applications
- Intelligent battery monitoring to maximise service life
- Simple & easy to install with front access



PowerWAVE EL 200 series

Three-phase input and single-phase output static inverter (10-20 kVA)

- Solution for higher power, single-phase loads
- Galvanic isolation transformer at the inverter stage
- High reliability with low maintenance
- Low operating cost
- Wide range of standard ratings available
- Battery options to suit all applications
- Intelligent battery monitoring to maximise service life
- Simple & easy to install with front access

PowerWAVE EL 300DSP series

Three-phase input & output static inverter (10-160 kVA)

- Solution for higher power, three-phase loads
- High reliability with low maintenance
- Low operating cost
- Wide range of standard ratings available
- Battery options to suit all applications
- Intelligent battery monitoring to maximise service life
- Simple & easy to install with front access
- IP41 as standard: suitable for harsher environments

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