

MINIpowerPLUS

(1.25–10 kVA)



KOHLER POWER
uninterruptible

Designed to be the most reliable and resilient single-phase UPS available.

MINIpowerPLUS

Expandable in 1.25 kVA modular steps to 10 kVA

Online double conversion technology for a clean and protected supply

Internal N+1 parallel redundancy for high availability and reliability

Easy-to-use LCD interface for programming, status reporting and diagnostics

Expandable up to 8 hours' battery autonomy

Tower or 19" rack-mounted configurations

Onsite, flexible upgrade capability

Near unity input power factor at partial and full loads

Single-phase, scalable critical power protection up to 10 kVA.

The MINIpowerPLUS range is ideal for small low power protection applications where reliable power must be scaled to cost and space constraints. Available in an office-friendly tower or compact 19" rack-mounted modular configuration, the MINIpowerPLUS is one of our most reliable and resilient single-phase UPS currently available.



Total flexibility

Ability to 'right size' the system

Simple installation of new UPS modular power boards

Reduced total cost of ownership

Total flexibility is a key benefit of the MINipowerPLUS. It is possible to simply add UPS power boards – in cost-effective incremental steps – to the MINipowerPLUS as the critical load requirement grows. This ensures the UPS is 'right sized' to the critical load at initial installation. This 'right sizing' reduces initial costs, optimises operating efficiency and helps reduce the total cost of ownership. Adding or replacing existing boards also enables easy system upgrades or repairs.

Battery autonomy is similarly flexible, and can be customised using battery kits. The capacity of one string, containing three batteries is 9 Amp per hour. These can be standalone or integrated with the UPS power boards. Full-load battery standby time of up to eight hours is available with a rapid recharge capability. Battery redundancy can also be built-in for guaranteed continuity of supply.

The right solution MINipowerPLUS is available in two different versions

MINipowerPLUS tower

MINipowerPLUS tower systems deliver up to either 5 kVA (MINipowerPLUS 5000) or 10 kVA (MINipowerPLUS 10000) in a compact unit measuring only 270 x 475 x 570 mm.

MINipowerPLUS 5000 uses the space-saving single tower to accommodate up to four 1.25 kVA UPS power boards and four strings of batteries. The capacity of one string, containing three batteries is 9 Amp per hour. Battery autonomy can be increased by adding a separate battery cabinet.

MINipowerPLUS 10000 allows four to eight 1.25 kVA UPS power boards to be accommodated in one tower to provide a maximum output of 10 kVA. Up to ten strings of batteries can be housed in a separate cabinet.

MINipowerPLUS rack

MINipowerPLUS rack-mounted version uses 6U of a standard 19" rack. With four UPS power boards, this version provides up to 5 kVA in capacity or 3.75 kVA in parallel redundant (N+1) mode. Batteries are internal. Autonomy can be extended simply by mounting additional batteries in a separate rack-mounted battery unit.

Features of both the tower and rack-mounted MINipowerPLUS include automatic bypass, battery test function, load/temperature dependent fan speed and an RS232 port allowing the use of diagnostic or auto-shutdown software.

High up time

Internal N+1 parallel redundancy

If one of the modules stops working, the others will all continue supplying the load without any interruption, redistributing the percentage of load that was previously supplied by the module now out of order. This redundancy ensures continuous up time.



MINipowerPLUS tower



MINipowerPLUS rack



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Accredited
Until 2021



Constructionline
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