

PowerWAVE 3000/TP

(10 & 20 kVA)

Parallelable up to 80 kVA

KOHLER POWER
uninterruptible

Single-phase UPS for midsize server rooms, networks, telecommunications systems and industrial processes.

PowerWAVE 3000/TP

Energy savings up to 93% efficiency

97% efficiency in eco mode

Low harmonic distortions (< 5% THDi) and active power factor correction (0.99 input PF) eliminate interference from other equipment in the network

Paralleling up to 4 units allows for increase of capacity and introduction of redundancy to system to enhance availability

Integrated manual bypass switch simplifies maintenance and reduces need for external switchgears

Can operate as frequency converter (50 Hz to/from 60 Hz)

Power factor 0.9

Same model supports different wiring schemes: three-phase and single-phase input as well as single and dual input feed

Extended autonomy with matching battery cabinets

Compact, single-phase critical power protection up to 20 kVA.

The PowerWAVE 3000/TP UPS delivers reliable power, low running costs, long battery life, easy maintenance and high levels of flexibility.

Featuring double-conversion, voltage and frequency independent (VFI) topology, the PowerWAVE 3000/TP is available in both 10 and 20 kVA versions, with the option to configure up to four units in parallel to boost power capability or provide redundancy.

Three-phase or single-phase inputs can also be accommodated, as well as single or dual supply inputs – allowing the customer to manage two independent power sources.

Simple to install and with a small footprint, the PowerWAVE 3000/TP provides stable, regulated, transient-free, pure sine wave AC power with extremely tight output voltage regulation.



Reliable

Online double conversion topology delivers constant and stable power to the load even in the presence of severe disturbances in the utility

Parallelable up to four units to provide system redundancy

Programmed and automated battery tests ensure optimised battery management, operation and lifetime

Flexible

Single or three-phase input is field configurable – adaptable to installation requirements

Single or dual input power source compatible (field configurable)

Scalable

Different autonomy variations with inbuilt batteries or additional battery cabinets

Simple power increase (pay-as-you-grow) by paralleling up to four units

Communication options

Through monitoring devices, any abnormal situation (events/alarms) can be detected immediately

Dry-contact card – relay interface card enables advanced communication between the UPS systems

Network interface cards – control and monitoring of the UPS via a web browser

Sensors – combined with the network interface card, humidity and temperature sensors can be integrated into the system and monitored remotely via a web browser

Battery options

Additional battery cabinets that match perfectly with the UPS for scaling autonomy time

Reduced costs

High efficiency reduces the quantity of power consumed by your installation

Reduced heat losses maintain a lower operating temperature, prolonging the lifetime of components and batteries whilst also reducing cooling costs

The small footprint saves space and makes installation simpler

Battery runtime (half load/full load)

	10 kVA	20 kVA
UPS internal battery	39/16	16/5 minutes
UPS + battery cabinet	152/70	70/29 minutes



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