Kohler EW 6000TX Transformer-based (UPS 10-600kVA)
Three-phase UPS for computer rooms, data centres, precision instruments, and industrial processes.

**Kohler EW 6000TX**  
10–200 kVA

- PF = 0.9
- Small footprint
- High efficiency 92%
- All series touchscreen design
- Galvanic isolation transformer
- Double-button switch prevents error
- Transformer-based

### Reliable
- The output isolation transformer provides high reliability to adapt to harsh industrial environments and protect critical loads
- 100% three-phase unbalance load adapts to complex applications
- The dual air duct design provides effective cooling – protecting key components and extending service life
- Dual power supply redundancy
- The wide input voltage range provides high adaptability to the grid and extends the battery service life
- The main PCB board with professional electromagnetic shielding improve reliable performance of EMC

### Intelligent management
- Multiple communication interface supports UPS and load intelligent monitoring
- Intelligent SNMP achieves local monitoring and remote monitor
- Battery temperature compensation function extends battery service life
- The battery self-test function and battery temperature compensation function improve battery performance and extend its life
- Intelligent fan control according to load capacity reduces noise and prolongs fan service life

### Easy operation
- 10–30 kVA models have wheels for easy movement
- HMI-friendly operation
- On/off double-button design
- EPO
- 10,000 history records reduce fault analysis and maintenance time
- Power components in module design – more compact structure and easy for maintenance
- Hot-swappable fan design achieves on-line maintenance

### Innovative upgrade
- Dual DSP control technology makes the data processing faster and more precise, and improves reliability
- High output PF = 0.9 meets with the high requirements of applications
- ECO-mode (98% efficiency) reduces cost and heat emission
- Bus synchronisation control function provides reliable high power for the dual bus application
- Advanced no-master-slave parallel technology achieves online power expansion and prevents single faults
Three-phase UPS for finance companies; data centres; government and national defence; telecommunications systems; transportation, energy and industrial processes.

Kohler EW 6000TX 300–600 kVA

- High efficiency up to 95%
- Wide input voltage range
- Galvanic isolation
- High overload capacity
- IGBT-based rectifier technology
- Transformer-based
- Easy operation with 7-inch LCD touch screen and LED on front door
- SNMP and MODBUS communication
### Green power
- High input power factor (up to 0.999) and low Input THDi: <2.0% at full load, much less grid pollution and costs
- Low output THDv: <0.5%, higher adaptability to precision instrument
- High efficiency in online mode >95% and eco-mode efficiency >99%; 50% load >94.74%
- Load bus sync (LBS) control decrease transfer time and current impact of dual bus system

### User-friendly
- Set modes easily via touchscreen: output voltage, frequency, eco-mode, charging current and battery cells
- On/off: double-button design to prevent misuse and touchscreen failure
- EPO (emergency power off) button on front panel
- Large data storage capacity, 10,000 entry event log

### Galvanic isolation
- Complete UPS output galvanic isolation for key components from the high voltage DC
- Full isolate from the external loads, reduce the harmonic disturbances
- Short circuit protection, restrain the high current puncture to UPS
- No effects to the UPS output performance or reduced impact of the inverter power components whilst supplying specific loads

### Reliable
- Wide input voltage range (-40%~+25%) assure high grid adaptability and prolong battery service life.
- Dual air ducts design shows better cooling performance
- Dual power and DSP redundancy design get higher reliability
- Water, dust and corrosion resistant coating in all PCB boards
- Robust EMC performance due to electromagnetic shielding tech
- Intelligent fan speed control and failure detection function reduces the noise and prolongs fan service life

### Intelligent management
- Intelligent SNMP and MOD BUS achieves local monitoring and remote monitor
- Intelligent battery management, automatic boosting and floating charge control
- Intelligent fan control according the load capacity reduces the noise and prolongs fan service life

### Options
- UPS management software
- IP grade upgrade and temperature sensor
- Lightning protection device C/D level
- Charging temperature compensation
- Input/bypass isolation transformer