

**DALE**  
POWER SOLUTIONS

**Ablerex**  
OFFICIAL PARTNER

**Taurus**  
10-200 kVA



## TAURUS 10-200 kVA

State-of-the-art technology for a  
high performance three-phase UPS

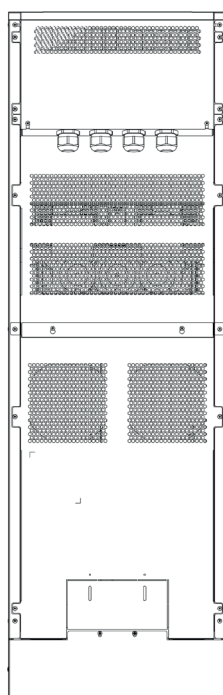
Its power factor of 1 (kW = kVA) and easy maintenance  
reduce system TCO, making Taurus the best choice for  
data centres.



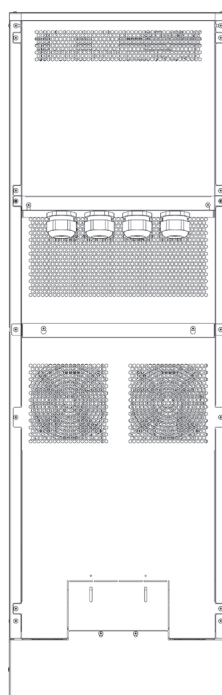
### Applications

- Data centres
- Electromedical equipment
- Industrial applications
- Regenerative loads (lifts, cranes, numerically controlled machines, etc.)

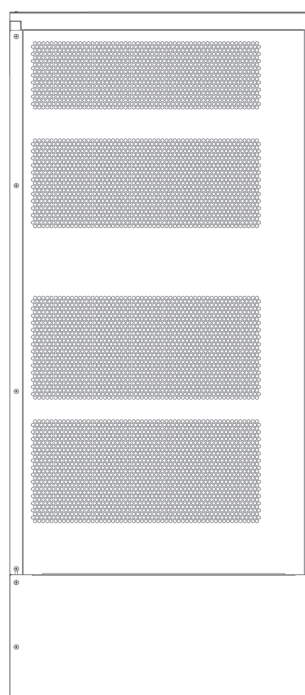
TAURUS  
10/20 kVA



TAURUS  
30/40 kVA



TAURUS  
60/80 kVA



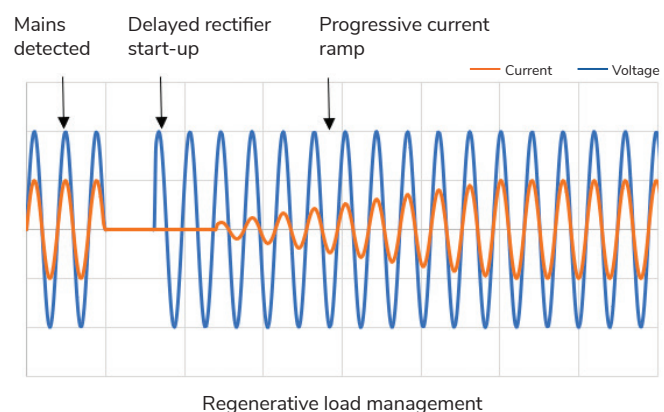
- The patented GLM function can reuse energy regenerated by the loads, ensuring maximum efficiency when managing regenerative loads.
- Optimised footprint for maximum installation versatility.
- Designed to minimise impact on generators and avoid the need for overdimensioning them.
- Power factor of 1 (kW = kVA): maximum active power available for your system at all times.
- Fail-safe: the UPS indicates when the phase sequence is connected incorrectly without interrupting the supply from the inverter to the loads, while keeping the batteries charged.
- Up to 6 units (8 Taurus 200) can be connected in parallel for power or redundancy.
- The “Energy Saver” function dramatically reduce the facility power and cooling costs..
- Dual input and internal manual bypass.
- High overload capacity across all operating modes.
- High-performance battery charger for fast, efficient battery charging.
- Variable battery configuration can be set from the LCD.
- Compatible with lithium-ion batteries or other technologies.
- Smart battery discharge test without the need for external loads.
- Real-time battery disconnection alarm.
- Cold start (up to 20 kVA standard, up to 80 kVA optional).
- Separate or common batteries that can be configured for parallel systems.
- Wide range of communication options included: two ports as standard (RS232 and USB), programmable dry contacts plus two additional slots for optional cards.
- 10.1" (4.3" TS 10-80 kVA) colour LCD touch screen display for user-friendly interface (14 selectable languages).
- UPS information, settings and log files can be downloaded to a removable SD card.

### Key options

- SNMP, RS485, ModBus card.
- Parallel kit.
- Removable internal battery compartments for easy battery maintenance.
- External temperature sensor for a battery cabinet.
- Movable touch panel 7" with 3 programmable dry contacts for remotely monitoring up to 64 units.
- Internal backfeed contactor.



### Ideal for generators



## TAURUS TECHNICAL DATA SHEET

| MODEL                    |                                                 | TAURUS 10kVA                                                                                                                  | TAURUS 20kVA         | TAURUS 30kVA | TAURUS 40kVA | TAURUS 60kVA | TAURUS 80kVA |
|--------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|--------------|--------------|--------------|
| POWER                    | KVA                                             | 10                                                                                                                            | 20                   | 30           | 40           | 60           | 80           |
|                          | KW                                              | 10                                                                                                                            | 20                   | 30           | 40           | 60           | 80           |
| INPUT                    | Rated voltage                                   | 380/400/415 Vac three-phase with neutral                                                                                      |                      |              |              |              |              |
|                          | Voltage tolerance                               | ±20%                                                                                                                          |                      |              |              |              |              |
|                          | Rated frequency                                 | 40 – 70 Hz                                                                                                                    |                      |              |              |              |              |
|                          | Power factor                                    | ≥0.99                                                                                                                         |                      |              |              |              |              |
|                          | Current distortion (THDi)                       | <3%                                                                                                                           |                      |              |              |              |              |
| OUTPUT                   | Rated voltage                                   | 380/400/415 V three-phase with neutral                                                                                        |                      |              |              |              |              |
|                          | Voltage stability                               | ±1% (static load)                                                                                                             |                      |              |              |              |              |
|                          | Frequency                                       | 50/60 Hz                                                                                                                      |                      |              |              |              |              |
|                          | Frequency stability                             | ±0.01% (free running)                                                                                                         |                      |              |              |              |              |
|                          | Power factor                                    | 1                                                                                                                             |                      |              |              |              |              |
|                          | Crest factor                                    | 3:1                                                                                                                           |                      |              |              |              |              |
|                          | Voltage distortion                              | <1% with linear load, <3% with distorting load                                                                                |                      |              |              |              |              |
|                          | Permissible overload                            | 110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute, >150% and <300 for 3 seconds                                     |                      |              |              |              |              |
| BATTERY                  | Number per string (batt 12V)                    | 26 – 40 conf.                                                                                                                 | 32 – 40 configurable |              |              |              |              |
|                          | Max charging current *                          | 10 A                                                                                                                          | 21 A                 | 30 A         | 39 A         | 60 A         | 78 A         |
|                          | Common battery for parallel configuration       | Supported                                                                                                                     |                      |              |              |              |              |
|                          | Internal battery (optional)                     | Up to 80 12 V 7/9 Ah battery blocks                                                                                           |                      |              |              |              | N.A.         |
| EFFICIENCY               | VFI mode                                        | Up to 96%                                                                                                                     |                      |              |              |              |              |
|                          | ECO mode                                        | Up to 98%                                                                                                                     |                      |              |              |              |              |
| BYPASS                   | Rated voltage                                   | 380/400/415 V three-phase + neutral                                                                                           |                      |              |              |              |              |
|                          | Voltage tolerance                               | ±5% – ±25% (programmable alarm)                                                                                               |                      |              |              |              |              |
|                          | Frequency                                       | 50/60 Hz                                                                                                                      |                      |              |              |              |              |
|                          | Frequency tolerance                             | ±1 Hz/±3 Hz (selectable)                                                                                                      |                      |              |              |              |              |
| GENERAL                  | Dimensions (WxDxH) mm                           | 440x860x1390                                                                                                                  |                      |              |              |              | 600x827x1300 |
|                          | Weight (kg)                                     | 84                                                                                                                            | 86                   | 130          | 132          | 200          | 210          |
|                          | Protection class                                | IP20                                                                                                                          |                      |              |              |              |              |
|                          | Cold start from the battery without mains power | Included                                                                                                                      |                      |              | Optional     |              |              |
|                          | Parallel connection                             | Up to 6 units                                                                                                                 |                      |              |              |              |              |
| CONNECTIVITY             | User interface                                  | 4.3 " colour LCD touch screen display with removable SD card                                                                  |                      |              |              |              |              |
|                          | Built-in communication ports                    | USB, RS232, EPO, 1 in/3 out dry relay contacts (programmable) and additional slots for optional cards                         |                      |              |              |              |              |
|                          | Optional accessories                            | Cards: SNMP, RS485, ModBus, 6 in/6 out dry relay contacts (programmable), touch panel for remote monitoring of up to 64 units |                      |              |              |              |              |
| ENVIRONMENTAL PARAMETERS | Operating temperature**                         | 0 – 40°C                                                                                                                      |                      |              |              |              |              |
|                          | Relative humidity                               | 0 – 95% (without condensing)                                                                                                  |                      |              |              |              |              |
|                          | Altitude (a.s.l.)                               | <1000 m with no power derating, >1000 m with 0.5% derating for every 100 m.                                                   |                      |              |              |              |              |
|                          | Audible noise at 1 m.                           | <52 dBA                                                                                                                       |                      |              | <55 dBA      |              | <60 dBA      |
| REGULATIONS              | Standards                                       | IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3                                                                                |                      |              |              |              |              |
|                          | Marking                                         | CE, UKCA                                                                                                                      |                      |              |              |              |              |

\* Subject to conditions    \*\* To be verified according to the battery parameters

## TAURUS TECHNICAL DATA SHEET

| MODEL                    |                                           | TAURUS 160kVA                                                                     | TAURUS 200kVA |
|--------------------------|-------------------------------------------|-----------------------------------------------------------------------------------|---------------|
| POWER                    | KVA                                       | 160                                                                               | 200           |
|                          | KW                                        | 160                                                                               | 200           |
| INPUT                    | Rated voltage                             | 380/400/415 Vac three-phase with neutral                                          |               |
|                          | Voltage tolerance                         | ±20%                                                                              |               |
|                          | Rated frequency                           | 40–70 Hz                                                                          |               |
|                          | Power factor                              | ≥0.99                                                                             |               |
|                          | Current distortion (THDi)                 | <3%                                                                               |               |
| OUTPUT                   | Rated voltage                             | 380/400/415 V three-phase with neutral                                            |               |
|                          | Voltage stability                         | ±1% (static load)                                                                 |               |
|                          | Frequency                                 | 50/60 Hz                                                                          |               |
|                          | Frequency stability                       | ±0.01% (free running)                                                             |               |
|                          | Power factor                              | 1                                                                                 |               |
|                          | Crest factor                              | 3:1                                                                               |               |
|                          | Voltage distortion                        | <1% with linear load, <3% with distorting load                                    |               |
|                          | Overload                                  | 110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute, >150% for 30 seconds |               |
| BATTERY                  | Number per string (batt 12V)              | 36–43 configurable                                                                |               |
|                          | Max charging current *                    | 100 A                                                                             |               |
|                          | Common battery for parallel configuration | Supported                                                                         |               |
|                          | Internal battery (optional)               | N.A.                                                                              |               |
| EFFICIENCY               | VFI mode                                  | Up to 96%                                                                         |               |
|                          | ECO mode                                  | Up to 98%                                                                         |               |
| BYPASS                   | Rated voltage                             | 380/400/415 V three-phase + neutral                                               |               |
|                          | Voltage tolerance                         | ±20% (programmable alarm)                                                         |               |
|                          | Frequency                                 | 50/60 Hz                                                                          |               |
|                          | Frequency tolerance                       | ±1 Hz/±3 Hz (selectable)                                                          |               |
| GENERAL                  | Dimensions (WxDxH) mm                     | 800x800x1955                                                                      |               |
|                          | Weight (kg)                               | 480                                                                               |               |
|                          | Protection class                          | IP20                                                                              |               |
|                          | Parallel connection                       | Up to 8 units                                                                     |               |
| CONNECTIVITY             | User interface                            | 10.1" colour LCD touch screen display with removable SD card                      |               |
|                          | Built-in communication ports              | USB, RS232, EPO, and additional slots for optional cards                          |               |
|                          | Optional accessories                      | Cards: SNMP, RS-485 ModBus, 4 in/4 out dry relay contacts (programmable)          |               |
| ENVIRONMENTAL PARAMETERS | Operating temperature**                   | 0–40°C                                                                            |               |
|                          | Relative humidity                         | 0–95% (non-condensing)                                                            |               |
|                          | Altitude (a.s.l.)                         | <1000 m without power derating, >1000 with 1% derating every 100 m                |               |
|                          | Audible noise at 1 m.                     | ≤81dB                                                                             |               |
| REGULATIONS              | Standards                                 | IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3                                    |               |
|                          | Marking                                   | CE, UKCA                                                                          |               |

\* Subject to conditions    \*\* To be verified according to the battery parameters

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Rev.2025/08 - Our commitment to continuous innovation means that catalogue data may be subject to change without notice

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