Taurus Pro

- Online double conversion technology with DSP control
- Advanced control with Adaptive Feed Forward Cancellation (AFC) technology for very low harmonic distortion
- Output power factor 0.9
- Very low input current distortion (THDi < 1%)
- Input power factor 0.99 at 10% load
- Output efficiency up to 95%
- Space-saving compact design
- Front access makes maintenance and replacement easily
- Highly flexibility in single phase/three-phase set-ups
- Control designed to withstand all kinds of loads
- Parallel redundant operation with up to 4 units
- Variety of communication options available
- 5.7" graphic LCD panel design with multiple languates for easy-configuration

Taurus Pro 400V Online UPS Selection Guide

MODEL	Taurus Pro 10K	Taurus Pro 15K	Taurus Pro 20K	Taurus Pro 30K	Taurus Pro 40K	Taurus Pro 60K	Taurus Pro 80K	Taurus Pro 100K	Taurus Pro 120K	Taurus Pro 160K	Taurus Pro 200K
PHASE	3-phase in / 3-phase out										
CAPACITY	10KVA/ 9KW	15KVA/ 13.5KW	20KVA/ 18KW	30KVA/ 27KW	40KVA/ 36KW	60KVA/ 54KW	80KVA/ 72KW	100KVA/ 90KW	120KVA/ 108KW	160KVA/ 144KW	200KVA/ 180KW
INPUT											
Nominal Voltage	3 x 400V (3Ph + N)										
Acceptable Voltage Range	+15% or –20%										
Frequency	50 / 60 Hz ±5 %										
Total Harmonic Distortion (THDi)	< 1.5% @ 100% load < 2.5% @ 50% load < 6.0% @ 10% load			< 1.0% @ 100% load < 2.0% @ 50% load < 5.0% @ 10% load				< 1.5% @ 100% load < 2.0% @ 50% load < 6.0% @ 10% load			
Current Limitation	High overload: PFC Limit (discharging batteries)										
Power Factor	1.0										
INVERTER											
Nominal Voltage	3 x 400V (3Ph + N)										
Precision	Stationary: ±1% ; Transitory: ±2% (load variations 100-0-100%)										
Frequency	50/60 Hz synchronised ±4 % With mains absent ±0.05%										
Max. Synchronisation Speed	±10 Hz/s										
Waveform	Pure Sinewave										
Total Harmonic Distortion (THDv)	< 0.5% (Linear Load) ; < 1.5% (Non-linear Load)										
Phase Displacement	120º ±1% (balanced load) ; 120º ±2% (imbalances 50% of the load)										
Dynamic Recovery Time	10 ms. at 98 % of the static value										
Admissible Overload	125% for 10 min., 150% for 60 s										
Admissible Crest Factor	3.4 : 1			3.2 :1			2.8 : 1	3.2 :1		3.0 :1	
Admissible Power Factor	0.7 inductive to 0.7 capacitive										
Imbalance Output Voltage @ 100%Unbalanced Load	<1%										
Current Limit	High overload, short-circuit: RMS Voltage Limit ; High Crest-Factor current: Peak Voltage Limit										
STATIC BYPASS											
Type	Solid state										
Voltage	3x400V (3Ph + N)										
Frequency	50/60 Hz										
Activation Criterion	Microprocessor control										
Transfer Time	Zero										
Admissible Overload	400% for 10 sec.										
Transfer to Bypass	Immediate, for overloads above 150%										
Retransfer	Automatic after alarm clear										
MAINTENANCE BYPASS											
Type	Without interruption										
Voltage	3 x 400V (3Ph + N)										
Frequency	50/60 Hz										
Overall Efficiency (Line mode)	90.0%	90.5%	91.0%	92.0%	92.5%	93.0%	94.0%	93.0%	93.3%	92.8%	92.6%
PHYSICAL											
Dimension, D x W x H(mm)	770 x 450 x 1100						805 x 590 x 1320			850 x 900 x 1500	
Net Weight (kgs)	120			160		190	215	255		550	
Built-in Battery Type (2x31)	12V 4.5Ah	12V 4.5Ah	12V 7Ah	12V 9Ah	12V 12Ah	-					
Back-up Time (minutes)	5	3	5	3	3	-					
Net Weight (w/built-in batteries) (Kg)	200		235	332	420	-					

* Product specifications are subject to change without further notice