

TEOS 400E/400EB PRO



10-30kVA INDUSTRIAL UPS

Three phase industrial UPS with high Power Factor 1. They are specially designed to support servers, data centers, security systems and various industrial applications. They feature advanced digital technology that enables them to efficiently function in parallel connections of up to 4 devices with ease.



3phase in / 3phase out

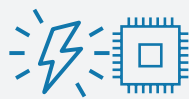
ENHANCED POWER PROTECTION



TELECOM



BUILDING POWER
INFRASTRUCTURE



CRITICAL
LOADS



MEDICAL
APPLICATIONS



SMALL DATA
CENTERS



TRANSPORT
INFRASTRUCTURE



INDUSTRIAL

GENERAL SPECIFICATIONS

- Double conversion technology
- DSP that guarantees high performance
- Output Power Factor up to 1
- Active input power factor correction in all phases
- 50 / 60 Hz frequency conversion mode
- Work efficiency up to 98% in ECO mode
- Dual input design, supporting independent bypass
- EPO function
- Smart battery management
- 5" LCD touch screen + LED indicators
- Multiple com ports: USB + RS-232 (standard) / SNMP card (optional)
- Digitally controlled charger
- Self-aging function
- Self-diagnosis function
- Advanced digital parallel function
- Flexible battery number
- 9 dry contact settings

TEOS 400E/400EB PRO



INDUSTRIAL UPS 3 phase in / 3 phase **10-30 kVA**

MODEL	TEOS 410EB PRO	TEOS 410E PRO	TEOS 420EB PRO	TEOS 420E PRO	TEOS 430EB PRO	TEOS 430E PRO
TESCOM CODE	UPS.0868	UPS.0829	UPS.0869	UPS.0830	UPS.0870	UPS.0831
PHASE	3 phase in / 3 phase out					
CAPACITY	10KVA / 10KW		20KVA / 20KW		30KVA / 30KW	
INPUT						
Rated voltage	380 / 400 / 415 Vac (L-L)					
Voltage Range	296~480Vac (L-L), full load 194V~304Vac (L-L), load decrease linearly according to the min phase voltage					
Rated frequency	50 / 60 Hz (auto-sensing)					
Frequency Range	40 ~ 70 Hz					
Power Factor	> 0.99					
Total harmonic distortion (THDi)	<3% (full linear load)					
OUTPUT						
Rated voltage	380 / 400 / 415 Vac (L-L)					
Voltage regulation	± 1% (full linear load)					
Frequency	Synchronized with utility in mains mode, 50/60 Hz ±0.1% in battery mode					
Waveform	Sinusoidal					
Power factor	1					
Total harmonic distortion (THDv)	<1% (full linear load) <3% (full non-linear load according to IEC/EN62040-3)					
Crest factor	3:1					
Overload	<110%, 60min; 110%~125%, 10min; 125%~150%, 1min; >150%, 200ms					
BYPASS						
Bypass voltage range	Selectable, default -20%~+15% Up limited: +10%, +15%, +20%, +25%; Down limited: -10%, -15%, -20%, -30%, -40%					
Bypass frequency range	Selectable, ±1Hz, ±3Hz, ±5Hz					
Bypass overload	125%: long term operation; 125%~130%: 10min; 130%~150%: 1min; 150%~400%: 1s; >400%, less than 200ms					
BATTERIES						
DC voltage	±240 Vdc (selectable, 32-40pcs)					
Charging current	10A Max.					
Recharge time	90% capacity restored in 8 hours					
Charger voltage precision	1%					
Inbuilt batteries	20x9AH, ±120VDC	N/A	40x9AH, ±240VDC	N/A	30x9AHx2, ±180VDC	N/A
SYSTEM						
Efficiency	Online mode 95% Max. ECO mode 98% Max.					
Transfer time	0 ms					
Protections	Short-circuit, output overload, overtemperature, battery low voltage, overvoltage / undervoltage and fan failure					
Max. number of parallel connections	4					
Communications	RS232, USB, RS485, EPO, Dry contacts, Parallel port (Standard) SNMP card, WI-FI card, GPRS card, SMS alarms (Optional)					
Display	LED + 5 inches LCD touch screen					
OTHERS						
Temperature	Operating temperature 0°C ~ 40°C, storage temperature -40°C ~ 70°C (without battery)					
Relative humidity	0 ~ 95% (non-condensing)					
Altitude	<1000m, load derated 1% per 100m from 1000 ~ 2000m					
IP rating	IP 20					
Noise level at 1 m	52dB @ 50% load			55dB @ 50% load		
Dimensions (W x D x H) (mm)	250x720x560		250x720x560		250x840x650	
Packaged dimensions (W x D x H) (mm)	350x800x722		350x800x718		350x980x810	
Net weight (kg)	82	31	145	33	215	42
Gross weight (kg)	93	40	156	42	227	52

Τα χαρακτηριστικά του προϊόντος ενδέχεται να αλλάξουν χωρίς καμία ειδοποίηση



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