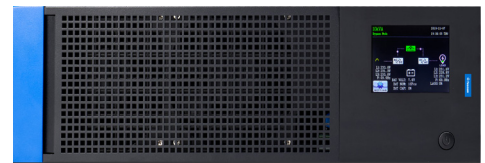


# TEOS 400 FLEX RT

## 10-20kVA INDUSTRIAL UPS

The revolutionary technology of TEOS 400 RT series enables them to operate with three different input/output phases: 1/1, 3/1 and 3/3. Their flexible design allows them to be installed in a 19" Rack Enclosure or operate as a Stand-Alone Tower to cover different needs. Their Power Factor is equal to 1, they use a 12A charger and they can operate in a parallel connection of up to 4 devices. TEOS 400 RT series is ideal for servers, data centers and industrial applications.



*1 phase in / 1 phase out*

*3 phases in / 1 phases out*

*3 phases in / 3 phases out*

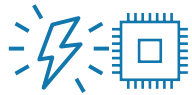
### ENHANCED POWER PROTECTION



TELECOM



BUILDING POWER  
INFASTRUCTION



CRITRICAL  
LOADS



MEDICAL  
APPLICATIONS



SMALL DATA  
CENTERS



TRANSPORT  
INFRASTRUCTURE



INDUSTRIAL

## GENERAL SPECIFICATIONS

- Three-phase input with optional single-phase or three-phase output
- True double-conversion
- DSP technology guarantees high performance
- Output power factor up to 1
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Customized dual-mains inputs
- Emergency power off function (EPO)
- Generator compatible
- Smart USB/RS-232 connectors and optional SNMP
- 3-stage smart charger design to optimize battery performance and life span
- Adjustable battery numbers
- Maintenance bypass available
- Optional N+X parallel redundancy
- Optional isolation transformer offers full isolation and complete common mode noise rejection

# TEOS 400 SMART RT

10-20 kVA



INDUSTRIAL UPS

1phase in / 1phase out - 3phase in / 3phase out -or- 1phase out

MODEL	TEOS 410SRT	TEOS 415SRT	TEOS 420SRT
TESCOM MODEL	<b>UPS.0717</b>	<b>UPS.0718</b>	<b>UPS.0719</b>
PHASE	3-phase in/3-phase out		
CAPACITY	10KVA/10KW	15KVA/15KW	20KVA/20KW
PARALLEL CAPABILITY	4		
<b>INPUT</b>			
Nominal Voltage	3 x 400 VAC (3Ph+N) or 208*/220/230/240 VAC (Ph-N)		
Voltage Range	190-520 VAC (3-phase) @ 50% load 305-478 VAC (3-phase) @ 100% load		
Frequency Range	46~54 Hz or 56~64Hz		
Power Factor	≥ 0.99 @ 100% load		
<b>OUTPUT</b>			
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N) or 208*/220/230/240 VAC (Ph-N)		
AC Voltage Regulation (Batt. Mode)	± 1%		
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz		
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
Current Crest Ratio	3:1 (max.)		
Harmonic Distortion	≤ 2 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)		
Transfer Time	AC mode to Battery mode	zero	
	Inverter to Bypass	zero	
Waveform (Batt. Mode)	Pure Sine Wave		
Overload	AC Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% for 1 min; >150% immediately	
	Battery Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% for 1 min; >150% immediately	
<b>EFFICIENCY</b>			
AC Mode	95.5%		
ECO Mode	98.5%		
Battery Mode	94.5%		
<b>BATTERY</b>			
Battery Type	Depending on the applications		
Numbers	20 pcs	32~40 pcs (Adjustable)	
Charging Current (max.)	1A ~ 12A (Adjustable)		
Charging Voltage	+/-13.65 VDC x N (N=10)	+/-13.65V x N (N=16~20)	
<b>PHYSICAL</b>			
Dimension, D X W X H (mm)	680 x 438 x 133 [3U]		
Net Weight (kgs)	26	28	
<b>ENVIRONMENT</b>			
Operation Temperature	0-40°C		
Operation Humidity	<95% and non-condensing		
Noise Level	Less than 62dB @ 1 Meter		
<b>MANAGEMENT</b>			
Smart RS-232/USB	Supports Windows® family, Linux and MAC		
Optional SNMP	Power management from SNMP manager and web browser		

\*When output voltage is set as 3 x 360VAC or 208 VAC, the output power of the unit will be de-rated to 90%

\* Product specifications are subject to change without further notice