

ERIS CPT Series

10~40kVA 3 phases Tower UPS



Power range

10~40 kVA

Operation

3P/3P, Online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics

- 7 inch touch LCD with IoT functions.
- High power density, small volume.
- High reliability and environment adaptability.
- UPS with internal batteries maximum support for 80 PCS batteries.
- Standard configuration for mains input/output, bypass, maintenance bypass, battery breaker.

Model		ERIS CPT 10K-A0	ERIS CPT 15K-A0	ERIS CPT 20K-A0	ERIS CPT 30K-A0	ERIS CPT 40K-A0	
Rate Power		10kVA	15kVA	20kVA	30kVA	40kVA	
Main input	Input	3P5W (3P+N+PE)					
	Rate Voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)					
	Rate Freq.	50/60Hz					
	Input PF	>0.99					
	Current distortion	THDi<3% (100% Linear load)					
	Voltage range	304 ~ 478VAC(L-L)full load; 304 ~ 228VAC (L-L) power derate from 100% to 75%					
	Freq. range	40-70Hz					
Rate voltage		±240VDC					
Battery	Model	UPS with internal batteries,12VDC/7~9Ah					
		UPS for external batteries,Settable					
	Internal BAT	40PCS			80PCS		
	Quantity	Depend on external battery, 40PCS					
	External BAT	Depend on external battery, 40PCS					
Charging capacity		20%*Pout					
Charging accuracy		±1%					
Bypass	Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)					
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%					
	Frequency range	50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz					
Inverter	Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)					
	Rate Freq.	50/60Hz					
	Output PF	1					
	Voltage accuracy	±1.0%					
	Load response	<5% (20% - 80% -20% step load)					
	Recovery time	< 20ms (0% - 100% -0% step load)					
	Output THDu	<1% (linear load) , <5% (non-linear load according to IEC 62040-3)					
	Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms					
	Frequency accuracy	0.1%					
	Synchronize window	Settable, ±0.5Hz±5Hz, default ±3Hz					
	Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S					
	Crest factor	3:1					
	Phase Accuracy	120°±0.5°					
	System	Efficiency	Normal Mode up to 96%; Battery Mode up to 96%				
		Display	LED + 7 inch touch LCD				
Certification- Safety		IEC62040-1, IEC60950-1					
Certification- EMS		IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)					
IP degree		IP20					
Configuration		USB, RS232, RS485, Dry contact, Air filter					
Option		SNMP card, AS400 card, Parallel kit, LBS, Cold start					
Environment		0-40°C (operation) ; -25°C~70°C (storage) ; 0-95% (Humidity, non-condensing)					
Dimension (W*D*H) mm	Internal BAT	250*828*708			350*823*1200		
	External BAT	250*530*650			250*782*650		
Weight(kg)	Internal BAT (No include batteries)	63			90		

Statement: The products will continue to be innovative and optimized, which may lead to asynchronized updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.