ERIS RT Series

10~60kVA 3 phases Rack UPS

Power range

10~60kVA

Operation

3P/3P,3P/1P,1P/1P,Online double conversion

Applications

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

Characteristics

- Mounted in 19 inch rack, or install as tower UPS.

- 7 inch touch LCD with IoT functions.

- Flexible configuration as 3/3,3/1,1/1.

- High power density, small volume, 30kW in 3U.

- High reliability and environment adaptibility.

Model		ERIS RT 10K	ERIS RT 15K	ERIS RT 20K	ERIS RT 30K	ERIS RT 40K	ERIS RT 60K
Rate Power		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
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					
Battery	Rate voltage	±240VDC					
	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					
	Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter, Cold start					
	Environment	0-40℃（operation）；-25℃~70℃（storage）；0-95% (Humidity, non-condensing)					
Dimension (W*D*H) mm		440*774*130 (3U)				440*788*174 (4U)	440*780*308 (7U)
Weight(kg)		27	28	29	38		60

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.