

ERIS ACT Series

10~80kVA 3 phases Tower UPS
Internal or external 7/9Ah modular battery strips



Power range

10~80kVA

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.
- Optional full metal battery strips, with internal batteries capable of configuring up to 16 battery module strips.



Full metal battery strips(Optional)

Model	ERIS ACT 10K-A0	ERIS ACT 15K-A0	ERIS ACT 20K-A0	ERIS ACT 30K-A0	ERIS ACT 40K-A0	ERIS ACT60K-A0	ERIS ACT 80K-A0	
	ERIS 10K-A0	ERIS 15K-A0	ERIS 20K-A0	ERIS 30K-A0	ERIS 40K-A0	ERIS 60K-A0	ERIS 80K-A0	
Rate Power	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA	
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	120PCS				160PCS		
	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	500*864*922				500*865*1250		
	External BAT	250*530*650			250*782*650			
Weight(kg)	Internal BAT (No include batteries)	143	153	155	200			
	External BAT	43	53	66	72			

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