ACT Series

10~80kVA 3 phases Tower UPS

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



Full metal battery strips(Optional)

NTOKOZO ENERGY GROUP

Model		TT010B-120	TT015B-120	TT020B-120	TT030B-120	TT040B-120	TT060B-160	TT080B-160
		TT010L	TT015L	TT020L	TT030L	TT040L	TT060L	TT080L
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						
Battery	Rate voltage	±240VDC						
	Model	UPS with internal batteries,12VDC/7~9Ah						
		UPS for external batteries,Settable						
	Quantity Internal BAT	120PCS					160PCS	
	Quantity 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℃（operation）；-25℃~70℃（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 asynchronized updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.