

# ACT Series

## 10~30kVA 3 phases Rack UPS(208V)

### Power range

10~30kVA



### 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.
- High reliability and environment adaptability.



Model		TT010B-L-120	TT015B-L-120	TT020B-L-120	TT030B-L-160	TT040B-L-160
		TT010L-L	TT015L-L	TT020L-L	TT030L-L	TT040L-L
Rate Power		10kVA	15kVA	20kVA	30kVA	40kVA
Main input	Input	3P5W (3P+N+PE)				
	Rate Voltage	200/208/220VAC(L-L)				
	Rate Freq.	50/60Hz				
	Input PF	>0.99				
	Current distortion	THDi<3% ( 100% Linear load )				
	Voltage range	166 ~ 261VAC(L-L)full load; 125 ~ 166VAC (L-L) power derate from 100% to 75%				
	Freq. range	40-70Hz				
Rate voltage		±120VDC				
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	200/208/220VAC(L-L)				
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%				
	Frequency range	50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz				
Inverter	Rate voltage	200/208/220VAC(L-L)				
	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°				
	Efficiency		Normal Mode up to 94%; Battery Mode up to 94%			
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)				
System	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	

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