

Features:

1. Output power factor 0.9, offering more stronger load capability;
2. Online double conversion with DSP control

With excellent performance and comprehensive protections for load and UPS ;

3. Self-diagnosis when UPS start up
4. Wide input range, support kinds of generator
5. Battery configuration flexible, 1KVA-24/36V, 2Kva-48/72/96V, 3Kva-48/72/96V etc.
6. Cold start(DC power on)
7. ECO function, Economic function(Optional)
8. Compact design and less noise
9. Lightening and Surge protection 1050J
10. Fan speed varies according to load automatically
11. Smart RS232 (USB, Dry contact, SNMP card optional)
12. Manual bypass(optional)

Model			ET01	ET02	ET03	ET05		
Capacity	Kva/Kw		1Kva/0.9Kw	2Kva/1.8Kw	3Kva/2.7Kw	5Kva/4.0Kw		
Input	Voltage	Low transfer	L-N:176 VAC ± 3% @ 100% load;130 VAC ± 3% @ 50% load					
		Low back	L-N:188 VAC ± 3% @ 100% load,142 VAC ± 3% @ 50% load					
		High transfer	L-N:286 VAC ± 3%					
		High back	L-N:270 VAC ± 3%					
	Frequency range		45-55Hz at 50Hz/55-65Hz at 60Hz(auto-detect)					
	phase		1:1phase ,L+N+G					
	Current THDI		<6%(100%nonlinear load)					
	Power Factor		≥0.99					
	Generate Input		Support					
	breaker		7A	16A	25A	35A		
	Output	Voltage		208/220/230/240VAC or 110/120/127(1-3Kva)				
		Power Factor		0.9 (0.8 optional)			0.8	
Voltage regulation		± 2%						
Frequency(Line Model)		46-54Hz at 50Hz/56-64Hz at 60Hz						
Frequency(Battery Mode)		50/60Hz ± 0.02Hz						
Current Crest Ratio		3:1						
Harmonic Distortion		≤3% THD(Liner Load)						
		≤5% THD(Non-Liner Load)						
Output waveform		Pure Sine wave						
Outlet		Sockets(Optional)			Terminals			
Overload Capacity		105%<load<125% for 1 mins ,125%<load<150% for30sec						

Efficiency	AC Mode	Full Load≥89%				
	Battery Mode	Full Load≥86%				
	ECO Mode	Full Load≥95%				
Battery	Number of Battery Per Set	2/3	4/6/8	6/8	8	
	Battery Type	Sealed, lead-acid, maintenance-free standard model: 12V/7AH OR9AH inbuilt long run model: battery external, capacity optional				
	Back Time	Standard unit: 5-12mins; Long-run unit: depends on external battery	Standard unit: 8-18mins; Long-run unit: depends on external battery	Standard unit: 5-12mins; Long-run unit: depends on external battery	Standard unit: 4-10mins; Long-run unit: depends on external battery	
	Recharge Time(to 90%)	5 Hours	5 Hours	5 Hours	5Hours	
	Charge Current(standard unit)	1.0A	1.0A	1.0A	1.0A	
	Charge Current(long run unit)	7.0A	7.0A	7.0A	5.0A	
	Rated Battery Voltage	24/36vdc	48/72/96vdc	72/96vdc	96vdc	
	Protect	Over-Voltage/Over-current/Low-voltage				
	Battery Socket	Anderson like PowerPole Modular Connectors				
Transfer Time	Mains←→Battery	0ms				
	Mains←→Bypass	0ms				
Optional Features	Economic Mode(ECO Mode)	Support				
Indicator	LCD Version (with LED)	Load/Battery/Input/Output/Operating Mode Information etc.				
Audible Alarm	Battery Mode	Sounding every 4 seconds				
	Low Frequency	Sounding every second				
	Overload	Sounding twice every second				
	Fault	Continuously Sounding				
Physical	Unit Dimension (D*W *H)mm	420*144*215	475*191*340	475*191*340	475*213*340 (L) 510*213*427 (S)	
	Packing Dimension (D*W *H)mm	524*258*334	603*332*482	603*332*482	603*332*482(L) 650*363*572(S)	
	Standard Unit					
	Net /GrossWeight(kg)	12/13	30/32	30/32	40/42	
	Long-run unit					
	Net /GrossWeight(kg)	7/8	15/17	15/17	18/20	

	Operating Environment		0-40°C							
	Relative Humidity		0-90%(non-condensing)							
	Altitude		<1500m.when>1500m,derating							
	Noise Level		<55db at 1 Meter							
Interface	Smart RS-232;USB,Dry contact board,SNMP(independent to RS232)									