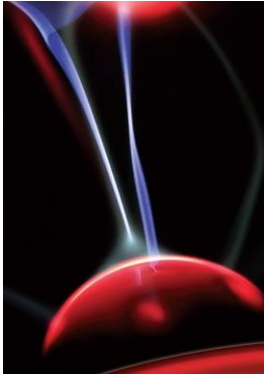


# Nautilus

3Phase 10-520Kva



*Uninterruptible Power Supplies*

FRAME (UPS Cabinet model)		150	200	250	300	200	320	520	
Power	UPS (KVA)	10~150	10~200	25~250	25~300	40~200	40~320	40~520	
	Module (KVA)	10/15/20/30	10/15/20	25	25/30	40			
	Module (KW)	9/13,5/18/27		22,5	22,5/27	36			
	Max. number of modules	5	10	10	10	5	8	13	
Input	Phase	3 Phase + Neutral + GND							
	Nominal Voltage	380/400/415Vac							
	Voltage Range	208~478Vac							
	Frequency Range	40Hz-70Hz							
	Power Factor	≥0.99							
	Current THDi	≤3% (100% non linear load)							
	Bypass Voltage Range	380V: +25% (optional +10%, +15%, +20%) 400V: +20%(optional +10%, +15%) 415V: +15%(optional +10%) Minimum voltage: -45% (optional -20%, -30%) Frequency protection range: ±10%							
	Genset input	Supported							
Output	Phase	3 Phase + Neutral + GND							
	Nominal Voltage	380/400/415Vac							
	Power Factor	0.9							
	Voltage Regulation	±1%							
	Frequency	Mains mode	±1%, ±2%, ±4%, ±5%, ±10% of nominal frequency (optional)						
		Battery mode	(50/60±0.2%) Hz						
	Crest Factor	3:1							
	THD	≤2% with linear load							
≤5% with non linear load									
Efficiency (normal operation)		95.5%							
Battery	Voltage	±192V±204V±216V±228V±240V DC; N. of battery (optional)							
	Recharge current	Cabinet UPS	30A Max	100A Max				130A Max	
		Module UPS	10/15/20KVA=6A Max 30/40KVA=10A Max.						
	Recharge current can be set according to number of battery installed								
Transfer Time		From Mains to battery: 0ms from Mains to bypass: 0ms							
Protection	Overload	Normal mode	Load≤110%:duration 60min, ≤125%:duration10min, ≤150%:duration 1min, ≥150% switch to bypass simultaneously						
		Battery mode	Load≤110%:duration 10min, ≤125%:duration 1min, ≤150%:duration 10s, ≥150% turn off UPS immediately						
		Bypass mode					400A	500A	800A
	Fuses	Input	-	-	-	-	120A		
		Output							200A
	Shortcircuit	involve full UPS							
	Overheating	Normal mode: switch to Bypass, Battery mode: turn off UPS immediately							
	Battery discharged	Alarm and turn off the UPS							
	Self-test	At UPS startup and via SW command							
	EPO (optional)	turn off UPS immediately							
Battery	Battery smart management								
Noise suppression	Compliant with EN62040-2								

<b>Communication Interface</b>		RS232, RS485, clean contacts, Intelligent Slot, SNMP board (optional), relay board (optional)					
<b>Ambient</b>	Operating Temperature	0°C~40°C					
	Storage Temperature	-25°C~55°C					
	Humidity	0%~95% non condensing					
	Altitude	< 1500m					
<b>Mech</b>	Dimensions FRAME (DxWxH) mm	840x600 x1400	1100x600x2000	860x600 x1600	860x600 x2000	860x1200 x2000	
	Dimensions MODULE (DxWxH) mm	580x443x131					
	Weight (Kg)	Cabinet UPS	150	312	205	310	450
		Module UPS	30KVA=33Kg				
<b>Safety compliance</b>		CE,EN/IEC 62040-2,EN/IEC 62040-1-1					



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