

# ThreePhaseOn-Line

## Features

- Advanced technology DSP, IGBT components.
- Wide input range,robust design for harsh enviroment.
- Multi-CPU and software / hardware cooperate control.
- DC start function, can be started without AC.
- Specification can be customized.
- Modular design for easy maintenance and minimize MTTR.
- Intelligent, safe and unique battery management system.
- True galvanic isolation design.
- Variety accesory.
- Parallel Operation.



**VOLTEC**  
UPS

PLUS II - PRO 15KVA~160KVA

# PLUS II - PRO 10KVA~200KVA

## Specification

Model	PLUS II- PRO	153	203	303	403	503	603	803	104	124	164	
Capacity	VA / Watts	15KVA 12KW	20KVA 16KW	30KVA 24KW	40KVA 32KW	50KVA 40KW	60KVA 48KW	80KVA 64KW	100KVA 80KW	120KVA 96KW	160KVA 128KW	
Input	Voltage 110V System	220Vac / 380Vac + 20% (The different voltage specification is available)										
	Frequency	50 or 60 Hz + 5%										
	Current	29A	39A	58A	77A	96A	116A	154A	193A	231A	308A	
	Max. input current	41A	55A	82A	109A	136A	163A	218A	272A	326A	435A	
Output	Voltage	220Vac / 380Vac + 10% (The different voltage specification is available.)										
	Phase	3ø4W+G										
	Waveform	Sinusoid										
	T.H.D.	≤3%										
	Voltage-Static	+/-1%										
	Voltage-Dynamic	+/-5%										
Frequency		50 or 60 Hz ; (+/- 0.01% with internal oscillator ; +/-1% with mains synchronize)										
Indicator	LED	AC mains normal, reserve source normal, rectifier, inverter, static switch, and battery status indication										
	LCD	Inverter over-current shutdown, inverter overload, rectifier high DC voltage stop, low battery stop, over-temperature, fuse fail, and battery ground fault										
Alarm Buzzer	Buzzer	Load on battery: Discontinuous alarm										
		UPS abnormal: Continuous alarm										
Remote	Monitor	Multi-unit monitor, graphic display, and history data statistics										
	Control	Inverter/horns remote control, password setting, fault information reading, and auto-dialer										
Apparence	Weight (kg)	380	420	490	550	670	750	900	1050	1200	1450	
	Size W*D*H	600*800*1700 mm				800*800*1700 mm			1200*800*1700 mm			
Static switch	Overload current capacity	30 minutes: 120% ; 30 milliseconds: 1000%										
	Maximum transfer time	From inverter to reserve- a: inverter failure:<1msec ; b: inverter overload or manual operation: 0 msec										
		From reserve to inverter- 0msec										
Complete system	Overall efficiency (at nominal load)	88%	89%	90%	91%	92%						
	Inverter efficiency	90%	91%	92%	93%	94%						
	Inverter overload	≤110%:15min    ≤125%:10min    ≤150%:60sec										
	Maximum power dissipated (KW)	1.63	1.98	2.67	3.16	3.48	4.17	5.57	6.98	8.35	11.13	
	Audible noise (at a distance of 1.5m)	≤60dBA					≤65dBA					
	Ambient temperature	0~40°C										
	Ambient humidity (no condensate)	90%										
Interface	Communication	*AS400 / RS232 / Dry Contact/ EPO *SNMP Adapter (Optional)										



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