



UltiMax Delta Series

400KVA

500KVA,600KVA

800KVA

Suggested Application:

Data Center, Server Farm, Telecommunications and Broadcasting, Hospital and Medical Equipments, Industrial Controls, Process Machinery, Automation Equipments, Transportation and Security.



- On-Line Double Conversion Topology
- High Input Power Factor, >0.96
- Full Bridge IGBT Matrix Technology
- Full Modular Structure with Front Access
- Automatic Battery Self Test
- IGBT Switching Technology
- LCD Display And Audible Alarms
- Energy Saving "Power Save Mode"
- High System Efficiency
- Parallel For Capacity Or Redundancy Of Up To 6 Units
- Independent Control on Three Inverter Phases
- Built-in Automatic and Manual Bypass Switch
- Full Connectivity Option

^A *Lifestyle* with **NEUROPOWER™**

A Preferred Total Power Solution Business Partner

Technical Specifications

Series		ULTIMAX DELTA			
Power Rating		400KVA /320KW	500KVA /400KW	600KVA /480KW	800KVA /640KW
Input	Nominal	415VAC			
	Range	415Vac / +20% - 10%			
	Power Factor	>0.96			
	THDi	<3%			
	Frequency	50 – 60 Hz +/- 5Hz			
Output	Nominal	380/400/415 VAC (Adjustable)			
	Voltage Stability	Static \pm 1%, Dynamic (0-100%) \pm 5%, Recovery time within 20 ms			
	Waveform	Pure Sinewave			
	THDi	< 2% (Linear Load), <5% (Non-linear Load)			
	Overload Capability	>100-125% for 10 mins, >125 - 150% for 1 min, >150% – 199% for 10 sec, > 200% for 100 msec			
	Crest Factor	3 : 1			
Efficiency	AC to AC	> 92 % at Full Load			
	DC to AC	> 93 % at Full Load			
Battery	Type	Sealed Lead Acid Maintenance Free			
	No of Cells	300			
	Float Voltage @ 25°C	680			
	Max. Discharge Voltage	496			
	Battery Test	Built-in as Standard			
Display	Informative LCD & LED	Digital LCD Display and Flow Control LEDs Display			
Connectivity	Interface Port	RS232 (DB 9), SNMP Adapter(Optional), Relay Card			
Cooling System	Force Air	Built-in Low noise Ventilation Fan			
Operating Environment	Temperature	0 to 40°C			
	Humidity	<95% without condensation			
	Altitude	< 1000 m (above sea level without derating)			
	Noise Level	Less than 60dB at 1 meter			
Physical	Weight, Kg	1500	1700	1900	2800
	Dimension WxDxH, mm	1990 x 952 x 1920	2440 x 952 x 2020		3660 x 952 x 2020
	Protective Type	IP 20			
Design Standard		EN62040, ISO 9000:2000, ISO 14001			

*Specification subject to change without prior notice

