



**POWER LOGIC**<sup>®</sup>

# KOSS<sup>UPS</sup>

## **ULTIMAX DELTA SERIES 200KVA, 250KVA, 300KVA**

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



Malaysia



UK



USA



Korea





**KOSS** UPS

**KOSS UPS**

Series		ULTIMAX DELTA		
Power Rating		200KVA / 160KW	250KVA / 200KW	300KVA / 240KW
Input	Range	400 Vac + 10% - 20%		
	Power Factor	> 0.96		
	Frequency	50 - 60 Hz +/- 5Hz		
	THDi	< 5%		
	Nominal Current @ Full load	250A	310A	375A
	Maximum Current @ Full load & Charge Battery	280A	350A	410A
Output	Nominal	380 / 400 / 415 VAC		
	Voltage Stability	Static ± 1%, Dynamic (0-100%) ± 2%, Recovery time within 40 ms		
	Waveform	Pure Sinewave		
	Harmonics Distortion	< 2% (Linear Load), < 5% (Non-linear Load)		
	Overload Capability	< 125% for 10 mins, < 200% for 100 msec,		
	Crest Factor	3 : 1		
Efficiency	AC to AC	> 93% at Full Load		
	DC to AC	> 90% at Full Load		
Battery	Type	Sealed Lead Acid Maintenance Free		
	No of Cells	300	300	300
	Float Voltage @ 25°C	663	663	663
	Max. Discharge Voltage	495	495	495
	Power Requested by Inverter	168KW	210KW	252KW
	Current Requested by Inverter	340A	425A	510A
	Battery Test	Built-in as Standard		
Display	Information LCD	Digital LCD Display and Power Flow control		
Connectivity	Interface Port	RS232 - RS485 Serial Interface		
Cooling System	Force Air	Built-in Low noise Ventilation Fan		
Operating Environment	Temperature	0 to 40%		
	Humidity	20 - 80% without condensation		
	Altitude	< 1000 m (above sea level without derating)		
	Noise Level	Less than 50dB at 1 meter		
Physical	Dimension H x W x D, mm	1900 x 1200 x 860		
	Weight, Kg	870	1020	1200
	Protective Type	IP 20		
	Colour / Paint	RAL 5026 Met / RAL 9006 Met		
Design Standard	Safety	EN50091		
	EMI & Immunity	EN62040, EN50091-2		

Specification subject to change without prior notice



Long Backup

AVR

Line Surge Protector

Tel / Mordem Port

Software

Full Warranty

Affordable

User Friendly