

## DLT-200 Serie

3:1 Phase Uninterruptible  
Power Supply 6-30kVa



DELTA 200 Series UPS's are, PWM (Plus width modulation) and IGBT technology, microcontroller controlled, sinus waveform output, ONLINE, parallel configurable UPS group.

### Technical Specifications

- Output isolation transformer
- 91% efficiency
- Static by-pass
- LCD front panel
- 128 events memory with RTC
- RS232 port provides remote monitoring, remote shutdown
- Custom input and output voltage ranges
- 2 years warranty
- 10 years spare parts support
- CE, TUV, ISO9001, ISO14001 certificates

**True On-line  
3 Phase Input  
1 Phase Output  
6-30 kVA**

## Specifications

MODEL	DLT 206	DLT 207	DLT 210	DLT 215	DLT 220	DLT 230
<b>Power</b>	6 kVA	7.5 kVA	10 kVA	15 kVA	20 kVA	30 kVA
<b>INPUT</b>						
<b>Voltage</b>	220/380 Vac (230/400 Vac) 3 phase + Neutral + Earth ,+/-15%					
<b>By-pass Voltage</b>	220 Vac, +/- 10%					
<b>Frequency</b>	50 Hz/60 Hz +/- 5%					
<b>EMI</b>	EN62040-2					
<b>Current</b>	3 x 13A	3 X 16A	3 X 21A	3 X 31A	3 X 42A	3 X 62A
<b>Input Voltage Protection</b>	electronic input voltage out of tolerant protection					
<b>OUTPUT</b>						
<b>Power (kW)</b>	4.2	5.25	7	10.5	14	21
<b>Power Factor</b>	0.7					
<b>Voltage</b>	220 Vac (230 Vac) ,Phase + Neutral					
<b>Voltage Tolerance</b>	+/- 1%					
<b>Frequency</b>	50 Hz (60 Hz special product)					
<b>Frequency Tolerance</b>	+/-2% (synchron) +/- 0,2% (free running)					
<b>Efficiency 100% Load</b>	86% (full load)					
<b>THD (Total Harmonic Distortion)</b>	< 3% (linear load) < 5% (non linear load)					
<b>Crest Factor</b>	3:1					
<b>Overload Protection</b>	100%125% load :10 dk 126%150% load :1 dk >,150% load : by-pass					
<b>Short Circuit Protection</b>	electronic protection					
<b>Output Voltage Protection</b>	electronic output voltage out of tolerant protection					
<b>BATTERY</b>						
<b>Type</b>	Maintenance free sealed lead acid					
<b>Batteries</b>	20			30		
<b>Charge Voltage</b>	270 VDC			405 VDC		
<b>Discharge End Voltage</b>	200 VDC			300 VDC		
<b>Battery Cabinet</b>	Standard backup time internal (others external)					
<b>Ambient Temperature</b>	25 C					
<b>Battery Protection</b>	Battery fuse , battery voltage low and high alarm (3 levels)					
<b>Battery Test</b>	Optional			standard automatic every 72 hours		
<b>GENERAL</b>						
<b>Operating Temperature</b>	0 C - 40 C					
<b>Noise Level</b>	< 45 dBA			< 55 dBA		
<b>Protection</b>	IP20					
<b>Altitude</b>	< 2000 m					
<b>Humidity (Non Condensed)</b>	< 90%					
<b>Weight (Without Batteries) (Kg)</b>	106	110	125	130	195	217
<b>Dimensions (mm) HxWxD</b>	950x265x740			1220x500x 650		
<b>Interface</b>	Alphanumeric LCD panel, mimic lamps and control buttons					
<b>Communication</b>	RS232+dry contact					
<b>Software</b>	T-Mon UPS Software(3 clients)					
<b>Overtemperature Protection</b>	Electronic overtemperature protection					