

## DLT 300 LO Serie

Uninterruptible Power Supply  
10-80kVA



DELTA 300 Lo series UPS, PWM controlled, IGBT technology, Microcontroller controlled, Sinusoidal wavetorm, ONLINE topology and parallel configurable devices. Advanced communication system supports many communication protocols and brings remote control advantage of the UPS.

**True On-line / 3 Phase Input / 3 Phase Output / 10-80 kVA**

### Technical Specifications

- 3 phase in / 3 phase out
- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- External REPO switch input
- 5 control buttons LCD alphanumeric display brings detailed monitoring of measured parameters.
- 128 events alarm memory (4000 alarms)
- Clock and calender (battery supported)
- Advanced battery management controls charge system battery test
- High performance at non-linear loads
- Dry contact simulation function
- Dial-up modem connection and setup
- Custom input voltage and frequency ranges
- Parallel operation up to 4 devices
- According to EC Directive; EN62040
- SNMP communication
- 2 years warranty
- 10 years spare parts support
- ISO9001, ISO14001, CE certification
- Optional MODBUS adaptor

## Specifications

MODEL	DLT 310	DLT 315	DLT 320	DLT 330	DLT 340	DLT 360	DLT 380	
Power	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA	
<b>INPUT</b>								
Voltage	380/400 VAC 3 phase + neutral + earth ,+/-15%							
By-pass voltage	380/400 VAC 3 phase + neutral +/- 10%							
Frequency	50 Hz (60 Hz optional), +/- 5%							
MAX RFI	EN62040-2							
Input voltage protection	Electronic Input out of tolerant protection							
<b>OUTPUT</b>								
Power (kW)	8	12	16	24	32	48	64	
Power factor	0,8							
Voltage	380/400 VAC 3 phase, + Neutral							
Voltage tolerance	+/- 1%							
Voltage regulation time	max 25 msec							
Frequency	50Hz / 60Hz							
Frequency tolerant	synchron: +/-2%							
	free running: +/-0,2%							
Efficiency (100% load)	88-90%			90%				
Crest factor	3:1							
Overload protection	100%-125% load :10 mins 126%-150% load :1 min >150% load :by pass							
Short circuit protection	electronic protection							
THD (Total harmonic distortion)	Linear load: < 3% Non linear load: < 5%							
Output voltage protection	Electronic out of tolerant protection							
<b>MODEL</b>								
Type	Maintenance free ,sealed lead acid							
Batteries	30							
Charge voltage	405 VDC							
Discharge end voltage	300 VDC							
Ambient temperature	25 C							
Battery protection	Battery fuse ,battery voltage low and high alarm (3 levels)							
Battery test	standard automatic every 72 hours or manual							
Temperature Compansation	Available as option							
<b>GENERAL</b>								
Human interface	Alphanumeric LCD panel, mimic lamps and control buttons							
Communication	Dry contact and RS232							
Software	T-Mon UPS Software (3 clients)							
Operating temperature	0 C - 55 C							
Cooling	air cooling							
Humidity (non condensed)	< 90%							
Protection	IP20							
Altitude	< 2000 m							
Noise level	< 56dBA				< 60 dBA			
Weight without batteries (kg)	220	260	260	290	415	465	595	
Dimensions (mm) HxWxD	1150x505x655			1390x575x820			1450x720x820	
Overttemperature protection	electronic protection							

## DLT 300 HI Serie

Uninterruptible Power Supply  
100-300kVA



DELTA 300 Hi series UPS, PWM controlled, IGBT technology, microcontroller controlled, sinusoidal waveform, ONLINE topology and parallel configurable devices. Advanced communication system supports many communication protocols and brings remote control advantage of the UPS.

**True On-line / 3 Phase Input / 3 Phase Output / 100-300 kVA**

### Technical Specifications

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- Output isolation transformer
- Up to 91% efficiency
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- 5 control buttons LCD alphanumeric display brings detailed monitoring of measured parameters.
- 128 events alarm memory (4000 alarms)
- Clock and calendar (battery supported)
- Advanced battery management controls charge system battery test
- High performance at non-linear loads
- Dry contact simulation function
- Dial-up modem connection and setup
- Custom input voltage and frequency ranges
- Parallel operation up to 4 devices
- According to EC Directive; EN62040
- SNMP communication
- 2 years warranty
- 10 years spare parts support
- ISO9001, ISO14001, CE certification
- Optional MODBUS adaptor