



Transformer Based Technology

DLT 300 Lo SERIE

UNINTERRUPTIBLE
POWER SUPPLY
10-80kVA

DELTA 300 Lo 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
10-80 kVA

TECHNICAL SPECIFICATIONS

- 3 phase in / 3 phase out
- Output 10-80 kVA
- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- External REPO switch input
- 5 control buttons iLCD alphanumeric display brings detailed monitoring of measured parameters.
- 3 mikrocontrollers for rectifier ,main control system, parallel management
- 128 events alarm memory (4000 alarms)
- Clock and calender (battery supported)
- Ä°Advanced battery management controls charge system battery test
- High performance at nonlinear loads
- Dry contact simulation function
- Dial-up modem connection and setup
- Custom input voltage and frequency ranges
- International standarts compatibility
- SNMP(Simple Network Management Protocol) communication
- 2 years warranty
- 10 years spare parts support
- ISO9001, ISO14001, CE ,GOST certification
- Optional MODBUS adaptor.



Technical 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
INPUT							
Voltage	220/380 Vac (230/400 Vac) 3 phase + neutral + earth, +/-15%						
By-pass voltage	220/380 Vac (230/400 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						
OUTPUT							
Power (kW)	8	12	16	24	32	48	64
Power factor	0,8						
Voltage	220/380 Vac (230/400 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 faktor	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						
MODEL							
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 Compansiation	Available as option						
GENERAL							
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						
Operating height	< 2000 m						
Noise level	< 56dBA					< 60 dBA	
Weight without batteries (kg)	220	260	260	290	415	465	595
Dimensions (mm) WxDxH	505x655x1150				575x820x1390		720x820x1850
Overtemperature protection	electronic protection						