

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.

Transformer
Based
Technology

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

TECHNICAL SPECIFICATIONS

- 3 phase in / 3 phase out
- Output 100-300 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)
- 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 3100	DLT 3120	DLT 3160	DLT 3200	DLT 3250	DLT 3300
Power	100 kVA	120 kVA	160 kVA	200 kVA	250 kVA	300 kVA
INPUT						
Voltage	220 / 400 Vac 3 Phase +N, +/-% 15					
By-Pass Voltage	220 / 400 Vac 3 Phase +N, +/-% 10					
Input Frequency	50 Hz, +/- %5					
EMI	EN50091-2 Class A					
Input out of Tolerant Protection	Electronic input out of tolerant protection					
OUTPUT						
Power (kW)	80	96	128	160	200	240
Power Factor	0,8					
Voltage	220 / 400 Vac 3 Phase +N					
Frequency	50 Hz. (60Hz On Request)					
Frequency Tolerance	+/-2% (Line Synchronized) • +/-0,2% (Free Running)					
Efficiency at 100% Load	%90-92					
Crest Factor	3:1					
Overload Protection	100 % 125% Load : 10 min • 125 % 150% Load : 1 min • < 150 % Load : By-Pass					
Short Circuit Protection	Electroinc short circuit protection					
Voltage out of Tolerant Protection	Electronic out of tolerant protection					
Total Harmonic Distortion	< 3 %					
THD	Non Linear Load <%5					
BATTERIES						
Battery Type	Sealed Lead Acid - Maintenance Free					
Number of Batteries	30			32		
Float Charging Voltage	405 VDC			432 VDC		
End of Discharge Voltage	300 VDC			320 VDC		
Ambient Temperature C	25 C°					
Battery Voltage Protection	Electronic Battery out of tolerant protection					
Battery Protection	Automatic circuit breaker					
Battery Test	Automatic every 72 hours					
GENERAL						
Communication	RS232 + Dry Contacts					
Temperature Range	0 C° - 40 C°					
Humidity (Non Condensed)	90 % (Non condensed)					
Protection Degree	IP20					
Altitude	< 1000 m. above sea level					
Acoustic Noise	< 65 dBA			< 70 dBA		
Weight (Without Batteries kg.)	770	810	960	1150	1285	1416
Dimensions (mm) HxWxD	1650x1100x800		1730x1195x870		1880x1565x925	
Ventilation	Forced air cooling					
OPTIONS				ACCESSORIES		
Input Transformers	Galvanic isolation transformer at the input (in the external cabinet)			Monitoring and Control Software	T-MON 3 client standart	
Input THD	<10%(with 18 Pulse Rectifier ,according to UPS range			Multiserver Shutdown Unit	Available as option	
	5% (with 18 Pulse rectifier, + filter) upto 80 kVA			SNMP Communication Adaptor	Available as option	
Parallel Operation	1+3 Systems (N+1 redundant, reduntant, symetric parallel)			Serial Port Enhancer	Available as option	
MBS	Maintenance by-pass switch for complete isolation (For 206,207 & 210)			ModBus Communication Adaptor	Available as option (over RS485 or over TCP/IP)	

