DLT 300 HI Serie

Uninterruptible Power Supply
100-300kVA

DELTA 300 Hi series UPS, PWM controlled, IGBT technology, microcontroller controlled, sinusoidal waveform, ONLINE Double Conversion 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

- 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
- Online Double Conversion technology
- 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, ISOI4001, CE certitication
- Optional MODBUS adaptor

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)					
Efficieny 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					
Noise level	< 65 dBA			< 70 dBA		
Weight without batteries (kg)	750	765	810	970	1330	1370
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)