

DLT-100 Serie

Uninterruptible Power Supply
2-15kVA



DELTA 100 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
- 64 events memory
- 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
1 Phase in
1 Phase out
2-15 kVA

Specifications

MODEL	DLT 102	DLT 103	DLT 105	DLT 107	DLT 110	DLT 115				
Power	2 kVA	3 kVA	5 kVA	7 kVA	10 kVA	15 kVA				
INPUT										
Voltage	220/230 VAC Phase+Neutral + Earth,+/-15%									
By-pass Voltage	220/230 VAC, +/- 10%									
Frequency	50Hz/60 Hz, +/- 5%									
EMI	EN62040-2									
Current	13 A	19 A	30 A	44 A	58 A	87 A				
Input Frequency	50 Hz(60Hz special product), +/- %5									
Input Voltage Protection	electronic input voltage out of tolerant protection									
OUTPUT										
Power (kW)	1.3	1.95	3.25	4.55	7	10.5				
Power Factor	0.65			0.7						
Voltage	220/230 VAC ,Phase+Neutral									
Voltage Tolerance	+- 1 %									
Frequency	50 Hz (60 Hz special product)									
Frequency Tolerance	+/-2% (synchron) +/- 0,2% (free running)									
Efficiency 100% Load	85-87%			86-90%						
THD (Total Harmonic Distortion)	<3% (linear load) <5% (non linear load)									
Crest Factor	3:1									
Overload Protection	100%125% load :10 mins. 126%150% load :1 min >150% load : by-pass									
Short Circuit Protection	electronic short circuit protection									
Output Voltage Protection	electronic output voltage out of tolerant protection									
BATTERY										
Type	Maintenance free sealed lead acid									
Batteries	14	14	16	18	20	20				
Charge Voltage	189VDC	189VDC	216VDC	243VDC	270VDC	270VDC				
Discharge End Voltage	140VDC	140VDC	160VDC	180VDC	200VDC	200VDC				
Battery Cabinet	internal					external				
Ambient Temperature	25 C									
Battery Protection	Battery fuse, battery voltage low and high protection (3 levels)									
Battery Test	Available as option									
Temperature Compansation	Available as option									
GENERAL										
Operating Temperature	0 C - 40 C									
Noise Level	< 42 dBA	< 45 dBA	< 45 dBA	< 50 dBA	< 50 dBA	< 55 dBA				
Protection	IP20									
Operating Altitude	< 2000 m									
Humidity (Non Condensed)	< 90%									
Weight (Without Batteries) (Kg)	50	55	60	75	85	112				
Dimensions (mm) WxDxH	265x585x505		265x600x590		265x660x640		265x740x720		300x810x720	
Interface	Alphanumeric LCD panel, mimic lamps and control buttons									
Communication	RS232+dry contact									
Software	T-Mon UPS software(3 clients)									
Overtemperature Protection	Electronic overtemperature protection									