

DLT-200 Serie

3:1 Phase Uninterruptible
Power Supply 6-30kVa



DELTA 200 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
- 128 events memory with RTC
- 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
3 Phase Input
1 Phase Output
6-30 kVA

MODEL	206	207	210	215	220	230	240	250
UPS typology	ONLINE - Double Conversion							
RECTIFIER								
POWER - KVA	6	7.5	10	15	20	30	40	50
Nominal Input Voltage - Vac	230 / 400 VAC 3 phase + N, +/- 15%							
Input Frequency - Hz	50 Hz +/- 5Hz							
Input Power Factor	0.7							
DC Output Voltage Accuracy	+ /- 1 % (Battery Charger Only)							
DC Output Voltage Ripple	1 % rms							
Battery Recharging Characteristic	IU (DIN 41773)							
Temperature Voltage Compensation	On Request							
Maximum Recharging Current (at nom. load) - A	7.5		10					
Rectifier Bridge Type	There-phase diode bridge							
Input protection	MCB's and Fast Fuses							
Nominal Current Absorbed from Mains (At nominal load and Battery charge) - A	8.5	10.6	14.3	21.5	26.7	40.1	51.4	64.3
Maximum Current Absorbed from Mains (At nom.load and max. With minimum line voltage recharging current) -A	11.4	13.5	17.1	24.3	34.2	48.6	68.4	82.8
Nominal output power (Cos Ø 1) - KW	4.2	5.25	7	10.5	14	21	28	35
Efficiency (AC ÷ AC) - %	>86 %							
Heat dissipation at nominal load and voltage								
-KW	0.62	0.78	1.04	1.57	2.09	3.14	4.18	5.23
-Kcal (x1000)	0.539	0.674	0.9	1.35	1.8	2.7	3.6	5.4
-BTU (x1000)	2.14	2.68	3.57	5.36	7.14	10.7	14.28	17.84
UPS ambient temperature -°C	0-40							
UPS storage temperature -°C	-10 / +70							
Relative humidity (non condensing)	90% max							
Overload protection	100 %- 125 % load 10 min							
	125 %- 150 % load 1 min							
	>150 % load by-pass							
Altitude	<1000 mt (Above See level)							
Ventilation	Forced							
Audible noise level (according EN 50091)	<50		<55					
Standard autonomy time at nominal load	On request							
Storage time of battery without recharge (at 25°C)	3 months							
Protection degree	IP 20							
Immunity	According to "EN 50091-2"							
Colour	RAL 7035 (Other colour on request)							
Accessibility	Front and top access for service							
Installation	20 cm from wall							
Weight without batteries (kg)	106	110	125	172	277	300	350	400
Dimensions (HxWxD)mm	710x265x740	710x265x740	710x265x740	1145x485x675	1360x550x855	1360x550x855	1360x550x855	1360x550x855
Input/output cable connection	Bottom Side							
Transport	Base provided for forklift handling							
Transport mechanical stress	According to "EN 50091-1"							
Design standard	According to "EN 50091-1"							
Free contact interface	On request							
Serial communication interface	RS232-RS485							
Hot stand-by configuration	2UPS (1 UPS Redundant)							
Parallel configuration	1+1 on request							
BATTERY								
Type	Sealed-Vented lead acid							
Number of Cells	120		96	156				
Floating Voltage at 25°C - V (2,25v/cell)	270		216	351				
Minimum Discharge Voltage - V (1,67v/cell)	200		160	260				
Power Requested by Inverter (At nominal Load) -KW	4.47	5.59	7.45	11.17	14.74	22.1	29.8	37.25
Curr. Req. by Inverter (nominal load - minimum Vdc) - A	22.4	28,0	37.3	69.7	56.7	85.1	113	135
Battery Test	Automatic and Manual (on request)							