

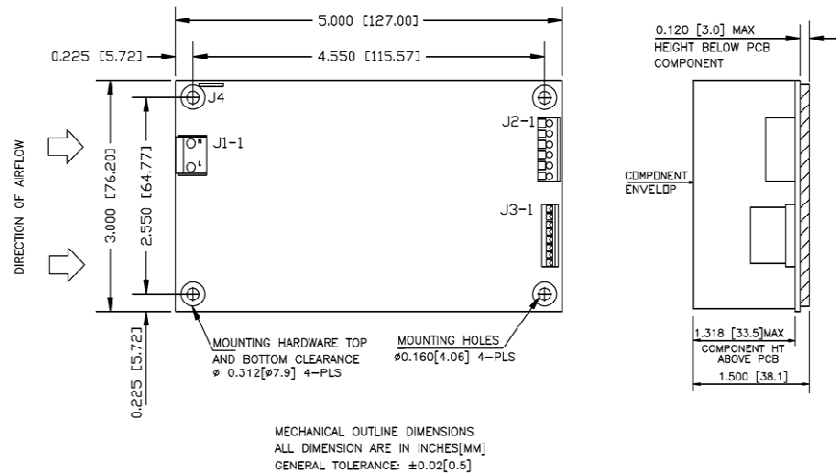
Model Number	RS Order Number	Output	Voltage/Current (Convection)	Voltage/Current (Fan Cooled)
LFMWLT200-1001	700-2400	V1	12V @ 13.33A	12V @ 16.67A
LFMWLT200-1002	700-2404	V1	15V @ 10.67A	15V @ 13.33A
LFMWLT200-1003	700-2413	V1	24V @ 6.67A	24V @ 8.33A
LFMWLT200-1001-2	700-2416	V1	12V @ 13.33A	12V @ 16.67A
LFMWLT200-1002-2	700-2410	V1	15V @ 10.67A	15V @ 13.33A
LFMWLT200-1003-2	700-2429	V1	24V @ 6.67A	24V @ 8.33A
LFWLT200-1000	712-7231	V1	5V @ 26A	5V @ 35A
LFWLT200-1001	712-7234	V1	12V @ 13.33A	12V @ 16.67A
LFWLT200-1002	712-7238	V1	15V @ 10.67A	15V @ 13.33A
LFWLT200-1003	712-7247	V1	24V @ 6.67A	24V @ 8.33A
LFWLT200-1014	712-7240	V1	30V @ 5.33A	24V @ 6.67A
LFWLT200-1000-2	712-7244	V1	5V @ 26A	5V @ 35A
LFWLT200-1001-2	712-7253	V1	12V @ 13.33A	12V @ 16.67A
LFWLT200-1002-2	712-7256	V1	15V @ 10.67A	15V @ 13.33A
LFWLT200-1003-2	712-7250	V1	24V @ 6.67A	24V @ 8.33A
LFWLT200-1014-2	712-7269	V1	30V @ 5.33A	24V @ 6.67A
LFWLT200-CK	700-2422	Metal cover Kit Assembly for WLT200 series		

ENVIRONMENTAL Operating Temperature	-20 to 70° C, -20 to 0° C start-up guaranteed. For convection cooled application derate o/p power to 40% of max from 41 to 70°C. For Forced air cooled application derate o/p power to 50% of max from 51 to 70°C.
Storage Temperature	- 40°C to +85°C
Cooling	Convection - 160W , For 5V Model : 130W 300LFM Airflow - 200W , For 5V Model : 175W
Relative Humidity	95% max, No condensation
MTBF	> 200,000 hrs min, as per Bellcore TR332.
Altitude Operating Altitude Non-Operating	10,000ft 40,000ft
Vibration Operating Vibration Non-Operating	5-9Hz, 2G PK, 0.5 oct/min, 2 cycles; 9-500Hz 0.5 oct/ min, 2cycles
Transients	EN61000-4-2,4-4,4-5, Level 3
EMI AND SAFETY CE Mark	Complies with the LVD
EMC	EN55022-B, CISPR22-B, FCC Part 15 Class B, EN60601-1-2
Agency Approvals	UL, c-UL, IEC, EN
Safety Standards	EN60601-1 Ed 3 (M), EN60950-1 Ed 2 (ITE)
Safety file number	ITE : E150565 / 158396 M : E173812 (234206 / 234207)
Harmonic Correction	EN61000-3-2 Class D
Isolation	5.9KVDC Input to Output (Medical); 4.2KVDC Input to Output (IT) 2.6KVDC Input to GND
Insulation Resistance	7 Mega ohms, Input to Output

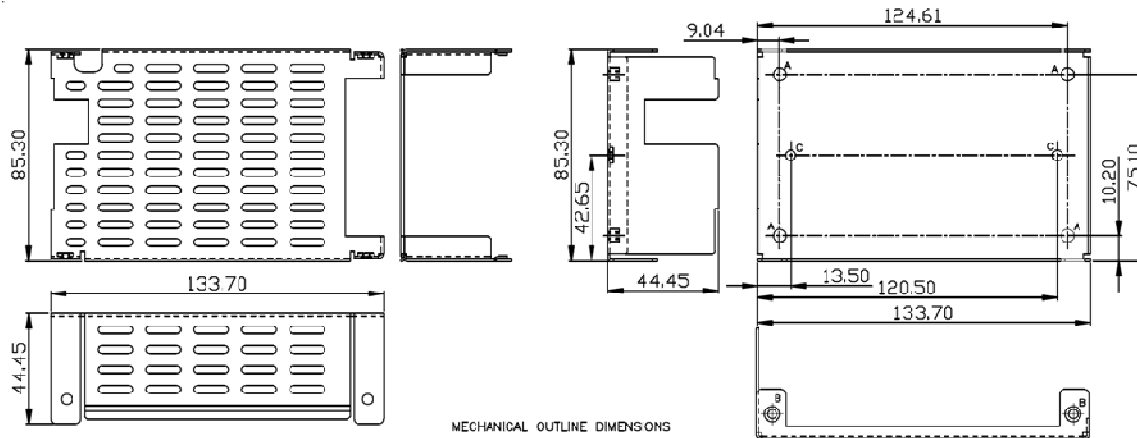
INPUT AC Input DC Input	90 to 264 VAC, Universal 120 to 390VDC , (Reduce to half load at 120VDC input)
Efficiency	≥ 86%
Input Frequency	47—63 Hz
Input Current	3.0Arms , max at Low line with Full Load
Inrush Current	75A, max High Line , cold start
OUTPUT Output Power	200W maximum
Leakage Current	150 to 220uA
Hold-Up Time	10ms, 115V /230V
Line Regulation	± 0.5%, Low line to high line
Load Regulation	± 2% Min to Max load
Transient Response	50% to full load, Voltage Deviation 10%, Max Recovery Time < 5ms
OVP	Latch Type , Self protection
Overload Protection	110-150% of I-Out max, Primary limited
Short Circuit Protection	Short Term, Auto recovery <6s or latch
Ripple and Noise	< 2% Main o/p, 5% Vstby & 10% for V fan
Output Rise Time	<100ms, All outputs
Minimum Load	Main o/p : 0A, Standby o/p : 0.05A
Power Fail Signal	TTL signal goes Low, 1ms before loss of input
Power Good Signal	TTL signal goes High after V1 is in regulation , 0.1s to 0.5s
Remote Sense	Line Compensation, 200mV
Remote on/off	To turn-on PSU, Short Remote pin to GND
Over temperature Protection	Auto recovery
Output Adjustability	± 3% @ 160W

Note :-
MWLT is medical version & WLT is industrial / IT version.
1) For Class 2 type, model no. (M) WLT200-XXXX-2.
2) For JST connector, model no. (M) WLT200-X3XX.

MECHANICAL DRAWING



LFWLT200-CK MECHANICAL DRAWING



Derating guideline with cover-kit: WLT200/MWLT200: Ambient > 30°C, derate by 1.3 W/°C to 40°C. 25 CFM

AC Input Connector	J1	Molex 3 position, 0.156 center 26-60-4030 (Center Pin removed) Mating Connector: Molex 09-50-3031 Pins: 08-50-0106 or Equivalent
Ground Connector	J4	Molex 19705-4301 PCB Quick Disconnect Mating: Molex 190030001
DC Output Connector (Screw type terminal)	J2	Tyco, 2 x 3 Pin terminal block, 2-1776112-3, 3.96 mm pitch Mating: Side entry wire 13AWG
DC Output Connector (Header Connector)	J2	CONN, HDR, 6 PIN, 0.156", PCB mount, JST p/n: B6P-VH-B (LF)(SN) Mating part no: Housing MPN: VHR-6M, Housing .6 pin, 0.156" Pitch Crimp/CONTACT PIN MPN: SVH-41T-P1.1
Signal Connector	J3	Molex 8 Position, 0.1" Center, 22-23-2081 Vertical Mating: Molex, 22-01-2087, Pins: 08-50-0113
Size		3 x 5 x 1.5 Inches
Weight		325gms

Input Connector J1	
Pin 1	Neutral
Pin 2	Line
Input Spade Connector (CLASS-1 product only)	
Earth J4	Quick Disconnect

Output Connector J2	
Pin 1,2,3	RTN
Pin 4,5,6	V1

Signal Connector J3	
Pin 1	+ve Remote Sense
Pin 2	Vfan (12V/0.5A)
Pin 3	-ve Remote Sense
Pin 4	Remote On/Off
Pin 5	Vstby (5V/1A, $\pm 5\%$)
Pin 6	RTN
Pin 7	Power Fail
Pin 8	Power Good