

Specifications for Lind 95W 19V Car Adapter Model DE1950-4707

Note: Measurements taken at the ends of the input & output cables unless noted.

Date: 12/5/18

Characteristic	Min	Max	Units	Conditions
Electrical				
Output Voltage - No Load		20.0	Vdc	Vin=12-32VDC, IL=0A
- Full Load	18.5		Vdc	Vin=12-32VDC, IL=5A
Load Current	0	5.0	A	Vin=12-32VDC
Output Power		95	W	Vin=12-32VDC
Input Voltage Range	12.0	32.0	Vdc	IL=0-5A
Input Current - No Load		0.08	A	Vin=12-32VDC
- Full Load		9.0	A	Vin=12.0VDC
- Full Load		3.3	A	Vin=32.0VDC
Efficiency - Full Load	88		%	Vin=12-32VDC, IL=5A @ PCB
Ripple/Noise - Full Load		250	mVp-p	Vin=12-32VDC, IL=5A, 20MHz BW <i>Note: .1µf//47µf across output</i>
Start-up Time	0.5	1.5	S	Vin=12-32VDC, IL=0-5A
Protection				
Input Fuse		15	A	Replaceable mini auto fuse
Input Undervoltage Shutdown	9.5	10.5	Vdc	IL=0-5A, 10 second delay
Input Overvoltage Shutdown	32.5	34	Vdc	IL=0-5A
Output Overcurrent Shutdown	5.5	7.0	A	Vin=12-32VDC
Output Overvoltage Shutdown	21	23	Vdc	Vin=12-32VDC
Thermal Protection		Yes		Auto restart once cooled
Reverse Input Protection		Yes		Fuse blows
Shutdown Auto Restart Time	9	11	S	Vin=12-32VDC
Environmental				
Ambient temperature				
-Operating	-20	50	°C	
-Storage	-40	85	°C	
Relative Humidity		95	%	No condensation
Mechanical				
Body Dimensions	5.35 x 3.0 x 1.0		Inches	LxWxH
Adapter Weight		13	Ounces	Without cables
Approvals				
				CE, E-Mark, RoHS, WEEE