

Micro USB Lithium Ion Charger

■ Specifications

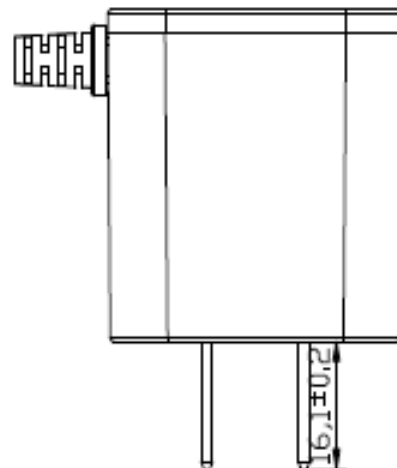
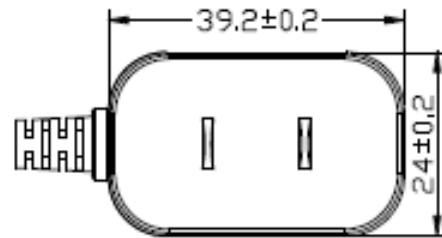
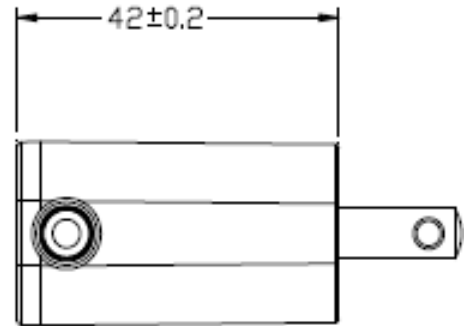
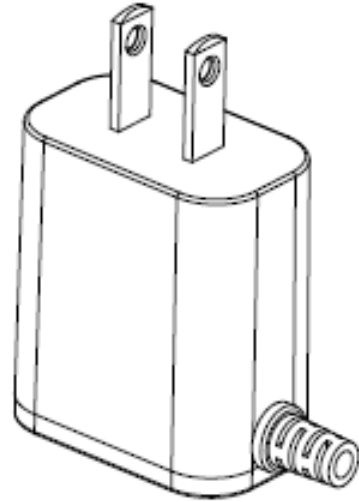
Input Voltage	100-240Vac
Input Frequency	50/60Hz
Input Current	0.3A Max any input voltage
Inrush Current	40A Max. @264Vac input
Leakage Current	0.25mA Max at 240Vac
Operating Temperature	0 ~ 40°C Under full load & normal operation
Safety & EMI	Conforms to UL 60950
Over Current Protection	3A @ 100 ~ 240Vac
Short Circuit Protection	Available / Self Recovery
Average Efficiency	78.7% @ Nominal Input
Energy Consumption	< 0.1W
Operating Temperature	0 ~ 40°C, 10 ~ 90% R.H.

■ Output Characteristics

Voltage	5Vdc
Min. Load	0.01A
Rated Load	1.5A
Peak	-
Output Power	7.5 Watts

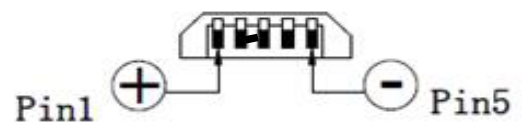
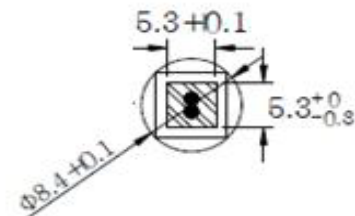
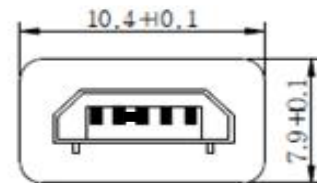
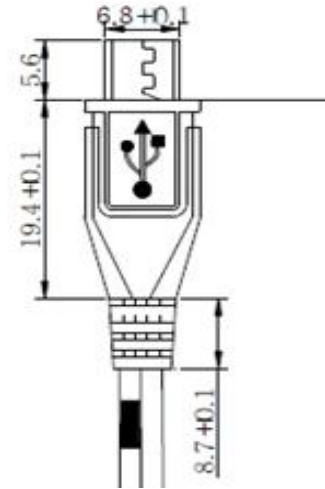
■ Combined Load Regulation

Voltage	5Vdc
Min. Load	0.01A
Rated Load	1.5A
Line Regulation	±1%
Load Regulation	±5%



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Protection Requirements		
Over Current Protection	< 3A (100-240VAC Self Recovers)	
Short Circuit Protection	12ms. Self Recovers	
EMI/EMS Standards	EN55022 / EN61000-3-2	
Discharge Characteristics	Test Level	Test Criteria
Air Discharge	±8KV	B
Contact Discharge	±4KV	B
Radiated Electromagnetic Field Susceptibility		
Test Level	Test Criteria	
3V/m (r.m.s.)	A	
20-1000mHx, 80% AM (1KHz) sine-wave	A	
Electric Fast Transient Burst Immunity		
Coupling	Test Level	Test Criteria
AC input	0.5KV	A
AC input	1KV	B
Surge Capability		
Surge Voltage	Test Criteria	
Common mode/NA	A	
Differential mode/1KV	A	
Induced Radio Frequency Field Conducted Disturbance Immunity		
3V	A	
0.15-80MHz, 80%AM (1KHz)	A	
Assessment Criteria		
Acceptance Criteria	Performance	
A	Agreed operational behavior within specified limits	
B	Time limited functional diminishment or malfunction during the test is permitted. The function is self-reactivated by the unit following completion of tests.	
C	Malfunction is permitted. The function can be reactivated either by reconnection to the main or by operator intervention.	
Safety Standards	Complies to UL (EN60950-1)	



Pin 2+3 Shorted