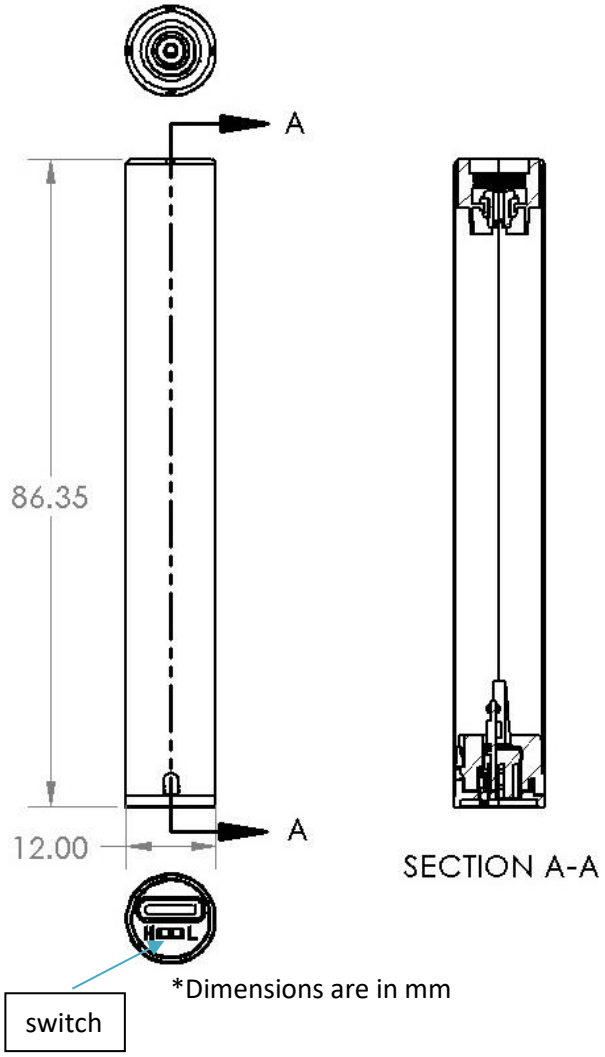
jupiter		DOCUMENT NO:	CDS-L62035-00XXXX	VER:	1.0
		L6 Plus Power Supply			EFFECTIVE DATE: 4/26/2022
APPROVAL:	ECO-233	Jupiter PN(s):	L62035-00XXXX (XXXX varies by finish)		PAGE 1 OF 2



Electrical Specifications	
Battery Cell Capacity	350mAh
Output Voltage with 1.4Ω load	2.8Vrms (Low mode) 3.3Vrms (High mode)
Max. Current Output	3 A
Resistance	1.25 – 2.15 Ω
Max Charging Current	500 mA
Activation Time	0 – 10 seconds (± 2s) *Other time durations available by request*

User Interface	
Cartridge Attachment	510 Thread (M7)
Activation	Breath Actuated
Notification	LED
Charging type	USB type C
Low Battery Notification	LED flashes 10 times
Charging Indication	LED lights during charging, it blinks 3x when disconnected from power and 20x when fully charged

Safety Features

Short-circuit Protection	High mode: When load is < 0.4 ± 0.2Ω, device will not activate. LED will keep shining for 2 seconds then turn off. Low mode: When load is < 0.1 ± 0.1Ω, device will not activate. LED will keep shining for 2 seconds then turn off.
Over usage Protection	When an activation exceeds 10 ± 2 seconds in duration, the device is deactivated, and the LED turns off. The device resets when breath activation ends.
Li-ion Battery Cells	Cells meet the requirements of the UN Manual of Tests and Criteria for Li-ion batteries; section 38.3. Jupiter power supplies are not required to be classified as Dangerous Goods when packaged properly for transport by sea, air, or ground due to their small capacity and containment within the device.
Cell Containment	Cells are enclosed in metal housings to protect the battery cell from contact with external elements that may cause damage to the cell under normal usage conditions and transportation. Cells are not accessible to the user without permanent damage to the unit.
Overcharge Protection	Charging control is on-board, not contained in a separate charging adapter. The onboard controller shall permit the device to remain connected to power when fully charged without the risk of damage to the battery cell. Recommended to not leave batteries unattended while charging, not to charge overnight and, to remove batteries from chargers when fully charged.
Operating Temperature and Humidity	○ Charging Temperature: 10 °C to 45°C ○ Working Temperature: 0 °C to 60 °C ○ Operating humidity: 35% to 70%
Storage Temperature and Humidity	○ Storage Temperature: 23 ± 5 °C ○ Storage Humidity: 35% to 70%
Certifications	○ RoHS ○ CE ○ FCC

Compatibility

Jupiter's Liquid 6 Plus Power Supply uses a "510" connection (screwed connection with M7 thread). It is compatible with most cartridges designed for use with breath actuated power supplies.

Although the term "510" is widely used in the vaping industry to designate a compatible connection, a published specification for a 510 threaded connection does not exist. Not all products that utilize a "510" connection are compatible with products from other manufacturers. While all these products utilize an M7 threaded connection, the similarity does not extend beyond the thread pattern. The depth of the electrical contacts, the air inlet locations, and other features may vary from manufacturer to manufacturer.