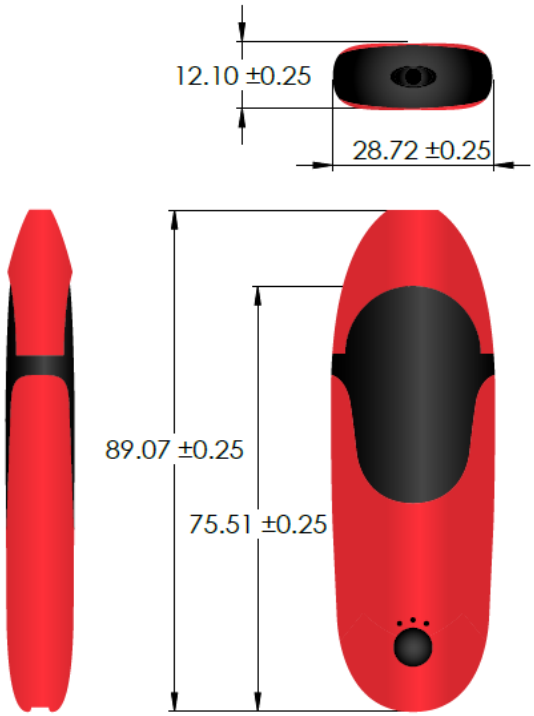

Electrical Specifications	
Battery Cell Capacity	480 mAh
Power Output (±0.3W)	Varies by Power Mode: High = 8.5W Medium = 7.5W Low = 6.5W
Max. Current Output	3 A
Resistance	0.8 ± 0.15 Ω
Charging Current	450mA±50mA
Activation Time	0 – 10 seconds (+/-20%) Other custom options are available on request

User Interface	
Cartridge Attachment	Magnetic
Activation	Breath Actuated
Notification	LED
Low Battery Notification	LED flashes 10 times
Charging Indication	LED is on during charging, flashes 20X and turns off when fully charged, flashes 3X when disconnected from power.

**All dimensions are in mm*

Safety Features

Short-circuit Protection	When load is < 0.5 ± 0.1Ω, device will not activate. All LEDs light for 2 seconds. The device resets when breath activation is stopped.
Over usage Protection	When an activation exceeds 10 seconds in duration, the device is deactivated and all LEDs flash twice. 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. Simply connect the device to any active USB port with a standard micro-USB type C cable (provided). 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: -10 °C to 60 °C ○ Operating humidity: 35% to 70%
Storage Temperature and Humidity	○ Storage Temperature: 23 ± 5 °C ○ Storage Humidity: 35% to 70%

Compatibility

The Dart X Power Supply uses a Magnetic CCELL™ POD Cartridge. These CCELL™ POD cartridges interface with both Dart and Dart X mouthpieces for a specialized magnetic alignment to the Dart X power supply. CCELL™ POD cartridges are, therefore, only compatible with Dart and Dart X when being used with the device specific mouthpiece, creating a closed system.

Although other cartridges available in the vaping industry may be designated as a "POD", only CCELL™ POD cartridges (PN: PD1205-13000) with the Dart specific mouthpiece (PN: PD9000-46XXX) will be compatible with the Dart X Power Supply.

Device Operation

Operations	Range or Description
1. Connecting Cartridge	The mouth piece cartridge will be magnetically attracted to the battery.
2. Lock/ Unlock	Quickly press the key 5 times in a row to unlock / lock. Unlocked = All LEDs flash 3 times Locked = All lights stay on for 2 seconds then fade off.
3. Adjusting Power Mode	Long press for 2 seconds to switch the output power, and the corresponding LED indicator will flash twice.
4. Power Mode Indication	• Low power = 6.5W, indicated by 1st LED flashes twice. • Medium power = 7.5W, indicated by 1st and 2nd LEDs flash twice. • High power = 8.5W, indicated by all LEDs flashing twice.
Residual output power	Click one to query output power, and the corresponding LED will flash three times. *If:* • *Low power = first LED flashes three times.* • *Medium power = first and second LEDs flash three times.* • *High power = All LEDs flash three times.*
Residual quantity query	Insert the cartridge/MP assembly into battery or swing the battery)with MP attached) twice, the corresponding LED(s) will flash accordingly. *If:* • *All LEDs flash 10 times = insuffieceint power, device will not activate.* • *1st LED flashes 3x = battery <=33% (low)* • *1st and 2nd LEDs flash 3x = 33% < battery > 67% (medium)* • *All three flashing 3x = battery >=67% (high)*
Charging guidance	When properly connected for charging the LED lighting will breath. *When:* • *Low charge = 1st LED is breathing* • *Medium charge = 1st LED solid while 2nd LED breaths* • *High charge = 1st and 2nd LEDs solid while 3rd LED breaths* • *Fully charged = All LEDs flash 20x* When disconnected, the LED flashes 3x to indicate the current power level.