Breaking new ground in the specs that matter.

The Z1™ was conceived to be an everyday cpap machine for people with an active lifestyle. With its tiny size, incredibly light weight, and integrated battery capabilities, the Z1™ is ready for your next adventure.

The PowerShell™
Totally integrated battery power to-go.

The optional PowerShell™ accessory is a completely integrated cpap battery solution that delivers a full night’s sleep on a single charge. No cords required.

Go anywhere. Do anything.
The PowerShell™ delivers a completely integrated solution for battery-powered cpap. With hot-swap battery modules, the PowerShell™ frees you from cords while at home and delivers a real solution for those times when power is not available.

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www.hdmusa.com  1-855-HDM-USA4

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The Z1™. It's cpap for interesting people.

**Battery powered.**

The Z1™ has an integrated battery system that we call the PowerShell™ that delivers a full night of cord-free power on a fully-charged battery.

**Extremely light.**

Only 10 oz. The Z1™ is the lightest cpap machine available anywhere. At only 10 ounces it is a great everyday machine that is also ideal for travel.

**Very quiet.**

Very quiet 26 dBA operation. The Z1™ only makes 26 dBA of sound during operation. By CPAP industry standards that is considered to be exceptionally quiet. In fact, the Z1™ is one of the quietest machines on the market.

**Data capable.**

The Z1™ is data-capable and records information on events and compliance. With our free software data is presented in a user-friendly interface where you can track your progress.

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**Z1™ Specifications**

### General

- **30W Power Adapter**: Power Partners Model: PAM-230S-13.8V
  - Typical power consumption: 20W (10VA)
  - Maximum power consumption: 35W (17VA)
- **Operating temperature**: 41°F to 95°F (5°C to 35°C)
- **Operating humidity**: 10 to 90% non-condensing
- **Operating altitude**: Sea level to 8,000 ft (2,438 m)
- **Operating atmospheric pressure**: 101 to 753 kPa
- **Storage and transport temperature**: -4°F to 140°F (-20°C to +60°C)
- **Storage and transport humidity**: 10 to 90% non-condensing
- **Storage and transport altitude**: No limit
- **Storage and transport atm. pressure**: No limit
- **Electromagnetic compatibility**: Compatible with IEC 60601-1-2
- **IEC 60601-1 classification**: Class II (Double Insulation), Type BF

### Z1™ Technical Specifications

- **Operating pressure range**: 4 to 20 cm H₂O
- **Maximum single fault steady pressure state**: 30 cm H₂O
- **Deliverable pressure accuracies**: ±0.6 cm H₂O ± 4% of the measured reading
- **Sound pressure level**: ≤ 26 dBA *
- **Nominal dimensions (L x W x H)**: 6.3” x 3.3” x 2.6”
- **Weight**: 10 oz.
- **Housing construction**: Flame resistant engineered thermoset
- **Supplemental oxygen**: Not for use with oxygen
- **Standard air filter**: Polyester fiber
- **Air outlet**: The 22 mm conical outlet complies with IEC 533641

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* DECLARED DUAL NUMBER NOISE EMISSION VALUES in accordance with IEC 60601-1-2.