

Breaking new ground in the specs that matter.

10
OUNCES

26
DECIBELS (dBA)

3
YEAR WARRANTY

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.



Presented With Compliments From
www.DirectHomeMedical.com

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.



Need 3 nights of off-the-grid power? Buy 3 battery modules. Boom. Have fun.

Battery Specifications

Battery capacity	45 Wh
Operating temperature	41°-95° F (5°-35° C)
Expected run-time @ 14 cmH ₂ O	8+ hours

www.hdmusa.com

Toll-Free

1-855-HDM-USA4



Lifestyle medical devices™. Designed for humans.™

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Z1™

The world's smallest, lightest, most portable cpap machine.



Z1™ Specifications

General	
30W Power Adapter	Power Partners Model PEAM D30SF-13-B1 – Unit Input range 100–240V, 50–60Hz – Typical power consumption 20W (30VA) – Maximum power consumption 35W (70VA)
Operating temperature	41°F to 95°F (+5°C to +35°C)
Operating humidity	10–95% non-condensing
Operating altitude	Sea level to 8,000' (2,591 m)
Operating atmospheric pressure	101 to 75.3 kPa
Storage and transport temperature	-4°F to 140°F (-20°C to +60°C)
Storage and transport humidity	10–80% 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
Available Modes	Standby, CPAP and CPAP with ramp

Z1™ Technical Specifications	
Operating pressure range	4 to 20 cm H ₂ O
Maximum single fault steady pressure state	30 cm H ₂ O
Deliverable pressure accuracies	±0.6 cm H ₂ O ± 4% of the measured reading
Sound pressure level	≤ 26 dBA *
Nominal dimensions (L x W x H)	6.3" L X 3.5" X 2"H
Weight	10 oz.
Housing construction	Flame retardant engineered thermoplastic
Supplemental oxygen	Not for use with oxygen.
Standard air filter	Polyester fiber
Air outlet	The 22 mm conical air outlet complies with ISO 5356-1

* DECLARED DUAL-NUMBER NOISE EMISSION VALUES in accordance with ISO 4871



Lifestyle medical devices™. Designed for humans.™

Designed in Cambridge, MA. | Manufactured in the USA.

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



Battery powered.*



Optional integrated battery.

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.

* Battery functionality is available using the optional PowerShell™ accessory.

Extremely light.



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.



Data viewing software.

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.