



The world's smallest, lightest, most integrated cpap.

Z1TM



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.

*Testing of sound output performed with a device pressure setting of 10 cmH₂O.

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.

*Weight of 10 ounces is for the Z1™ alone and does not include accessories, hoses, or masks.

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.

*The PowerShell™ is included with the Z1™ Unplugged or as a stand-alone accessory available at additional cost.

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.

* Software may be distributed electronically. An internet connection may be required to download the software.

The Z1™

26

decibels

10

ounces

3^{YR}

warranty



Z1™ Features



Tiny

37% smaller than Transcend EZEX

Light Weight (10 oz.)

Weighs as much as 4 eggs

4-20 cmH₂O pressure

Suitable for 95% of the cpap market

Connectivity

USB, Smartcard, and Bluetooth®

Backlit LCD

Always know the status of your therapy.

Real Buttons

for tactile feedback

Data Viewing Software

Free data viewing software included

Integration...

The world's first fully integrated battery solution.



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)	6.5"L X 3.3" 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

Integrated Battery Power

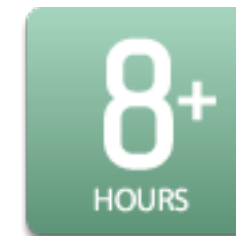


Integration | The PowerShell™



Cord-free power-to-go.

The PowerShell™ unifies a 45 Wh battery module with the Z1™ to create a platform that delivers at least 8 hours of cordless cpap. It is a great solution for travelers, outdoorsmen/women, or as a standby power-solution that automatically powers the Z1 when the power goes out.



Battery Module Specs	
Weight	9 oz
Battery Capacity	45 Watt Hours (Wh)
Operating Temp.	41°-95°F / 5°-35°C
Run-time @ 14 cmH ₂ O	8+ hours



- Power back-up
- Camping
- Boating
- Cord-free cpap at home
- Travelers

Z-Breathe™ Algorithm.



More natural breathing.

One of the greatest issues cpap users complain about is the difficulty in exhaling against the pressure exerted by the cpap machine. The Z1™ uses HDM's proprietary Z-Breathe™ algorithm that learns from the user's breathing pattern and then relieves machine pressure on exhalation.



Standard Accessories



Tube Adapter



Waterless HME



Carry Bag



USB Cable



Filter



Power Supply