



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.



Battery Specifications

Battery capacity	45 Wh
Operating temperature	41°-95°F (5°-35°C)

Modular Batteries

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



Lifestyle medical devices™. Designed for humans.™

Nitelog™ Mobile App
Only for the Z1™ Auto

NEW

Interested in your sleep data? Download the Nitelog™ app from the iTunes App Store® and have all of your sleep data available at your fingertips. Nitelog uses the Z1™ Auto's built-in Bluetooth chip to sync your data wirelessly so it is very simple to set up and use. Nitelog also enables sharing by email so that you can easily send your data to your doctor.

Bluetooth™

Available on the iPhone App Store

Z1™ auto

A quantum leap in sleep apnea therapy.





Customized breathing. Designed for you.

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, AUTO-CPAP

Z1™ Auto Technical Specifications

CPAP- Operating pressure range	4 to 20 cm H ₂ O
APAP- Operating pressure range	4 to 20 cm H ₂ O
Ramp Start Pressure	Min: 4 / Max: 20 cm H ₂ O
Ramp Time	Min: 0 / Max: 45 minutes
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	7.9 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

Do you have a problem with the constant pressure of fixed cpap? Meet the new Z1™ Auto. With its proprietary breathing algorithm— and sampling rate of several times per second— the Z1™ Auto delivers extremely responsive and effective therapy at lower overall pressures than fixed-pressure cpap. The result is more responsive therapy, a natural breathing pattern, and a more comfortable experience.

Get maximum comfort every night, whether you are at home or in a tent in the middle of nowhere. *The Z1™ Auto is designed for you.*

The Z1™ xpap system offers:

- Exceptional portability. Fits in one hand.
- Incredibly light at only 10.2 oz
- Nitelog™ mobile app for iOS
- Optional battery power with the PowerShell™
- A totally integrated xpap system.
- The ultimate portable xpap solution.

Find out more at www.hdmusa.com



Lifestyle medical devices™. Designed for humans.™