





CPAP Battery Comparison Guide



	Battery Power Solutions Freedom™	Medstrom Pilot 12 Pilot 24	Philips Respironics PAP Battery Kit	ResMed Power Station II
				
Capacity:	97.68 Wh	98 Wh	90 Wh	97 Wh
Output Voltage:	9-12.6V	12V 24V	11-14.4V	23.5-24.5V
Dimensions (L x W x H):	7.5" x 4.8" x 0.8"	7.5" x 4.7" x 0.8"	9" x 5.25" x 1.25"	9.06" x 4.96" x 1.02"
Weight:	1.7 lbs	1.8 lbs	2.25 lbs	2.04 lbs
Power Gauge:	digital display screen	series of LED lights	series of LED lights	series of LED lights
USB Port:	yes	yes	no	no
Compatibility:	most all models via specific connection components	Pilot 12: Respironics System One and DreamStation models Pilot 24: ResMed S9 and Air 10 models	Respironics System One and DreamStation models	ResMed S8, S9 and Air 10 models via specific DC cables
Average Run Time:	15 hours	15 hours	14 hours	13 hours
Charge Time:	4 hours	3-4 hours	3 hours	4 hours*
Charging Options:	AC power, auto charge cable & solar panel	AC power and auto charge cable	AC power only	AC power only
Power Supply Included:	Yes	Pilot 12: Yes Pilot 24: No**	No**	No**
Dual Battery Option:	Yes	Yes***	No	Yes
Battery Backup Use:	Yes	Yes	Yes	No
Safe for Air Travel:	Yes	Yes	Yes	Yes
Life Cycles:	400-500 cycles	500 cycles	1,000 cycles	500 cycles
Warranty:	1 year	6 months	6 months	6 months

Average Run Time: Run times will vary depending upon several factors including device type, pressure setting and required connection component. Run times are based on CPAP devices on a pressure of 10 cm/H₂O without the use of heated humidification or heated tubing.

Dual Battery Option: Ability to connect two batteries in series for longer run times.

Battery Backup Use: Ability to use the battery as a backup power supply in the event of a power outage where the battery will automatically begin powering the PAP device uninterrupted when AC power is lost.

Charging Options: Auto charge cable and solar panel sold separately.

Safe For Air Travel: Spare lithium-ion batteries (batteries not installed in equipment) under 100 Wh are allowed in carry-on baggage.

*if battery completely discharges it will no longer be functional

**must use PAP device power supply to charge the battery

***dual battery via Co-Pilot battery which does not function independently and must be connected to a Pilot 12 or Pilot 24 to be used