

# PORTABLE OXYGEN CONCENTRATORS

AS OF LATEST FAA RULING 2016

THIS DOCUMENT REVISED OCT 2019

FAA APPROVED BATTERY DURATION

Setting **0.5**

**1.0**

**2.0**

**3.0**

**4.0**

**5.0**

**6.0**

AirSep Focus	--	--	1.5 hrs	--	--	--	--
Focus w/ Battery AirBelt	--	--	4.0 hrs	--	--	--	--
AirSep Freestyle	--	6.5 hrs	3.5 hrs	3.0 hrs	--	--	--
FreeStyle Battery AirBelt	--	6.5 hrs	3.5 hrs	3.0 hrs	--	--	--
AirSep FreeStyle 5	--	4.25 hrs	2.5 hrs	2.0 hrs	1.75 hrs	1.25 hrs	--
FreeStyle 5 Battery AirBelt	--	4.0 hrs	2.5 hrs	2.0 hrs	1.75 hrs	1.5 hrs	--
AirSep LifeStyle	--	50 min	50 min	50 min	50 min	50 min	--
Inogen One	--	3.0 hrs	3.0 hrs	2.5 hrs	2.5 hrs	2.0 hrs	--
Inogen One G2 12 Cell	--	5.0 hrs	4.5 hrs	4.0 hrs	3.0 hrs	2.5 hrs	2.0 hrs
G2 24 Cell Extended Battery	--	10.0 hrs	9.0 hrs	8.0 hrs	6.0 hrs	4.5 hrs	4.0 hrs
Inogen One G3 8 Cell (Also the OxyGo)	--	5.0 hrs	4.0hrs	3.0 hrs	2.0 hrs	1.5 hrs	--
G3 16 Cell Extended Battery	--	10.0 hrs	9.0 hrs	6.0 hrs	4.0 hrs	3.0 hrs	--
Inogen One G4 Single Battery	--	2hr 40min	2hr 15min	1hr 20min	--	--	--
G4 Double Battery (Also the OxyGo Fit)	--	5.0 hrs	4.5 hrs	2.5 hrs	--	--	--
Inogen One G5 Single Battery	--	6 hrs	4 hrs 45 min	3 hrs	2 hrs	1 hr 30 min	1 hr 15 min
G5 Double Battery (Also the OxyGo Next)	--	13 hrs	10 hrs	6 hrs 45 min	4hrs 30 min	3hrs 15min	2 hrs 30 min
Inova Labs LifeChoice	--	2.0 hrs	2.0 hrs	2.0 hrs	--	--	--
LifeChoice External Battery +add	--	3.0 hrs	3.0 hrs	3.0 hrs	--	--	--
Inova Labs LifeChoice Activox	--	12.0 hrs	6.0 hrs	5.0 hrs	--	--	--
Activox External Battery +add	--	3.0 hrs	3.0 hrs	2.0 hrs	--	--	--
Inova Labs Activox Pro	--	12.5 hrs	7.25 hrs	6.25 hrs	--	--	--
Activox External Battery +add	--	3.0 hrs	3.0 hrs	3.0 hrs	--	--	--
Inova Labs Activox 4 L	--	10.25 hrs	8.25 hrs	5.0 hrs	4.0 hrs	--	--
Activox External Battery +add	--	3.0 hrs	3.0 hrs	3.0 hrs	3.0 hrs	--	--
Invacare Platinum Mobile	--	5.08 hrs	3.5 hrs	2.3 hrs	1.75 hrs	--	--
Invacare Platinum Mobile with 2nd Battery	--	10.17 hrs	7.0 hrs	4.67 hrs	3.5 hrs	--	--
Invacare XPO2	--	3.67 hrs	2.67 hrs	2.0 hrs	1.67 hrs	1.3 hrs	--
XPO2 Ext. Battery +add	--	3.5 hrs	2.4 hrs	2.0 hrs	1.5 hrs	1.0 hrs	--
O2 Concepts Oxlife Freedom 8 Cell	--	5 hrs	4 hrs	3 hrs	2 hrs	1.75 hrs	--
O2 Concepts Oxlife Freedom 12 Cell	--	10 hrs	8 hrs	6 hrs	4 hrs	2.5 hrs	--
Oxus RS-00400, Delphi RS-00400	--	3.45 hrs	4.0 hrs	2.5 hrs	2.0 hrs	1.75 hrs	--
Precision Medical Active5	--	--	4 hrs	--	--	--	--
Precision Medical EasyPulse PM4150	--	4.7 hrs	3.4 hrs	2.7 hrs	2.0 hrs	1.6 hrs	--
EasyPulse Ext. Battery +add	--	4.7 hrs	3.4 hrs	2.7 hrs	2.0 hrs	1.6 hrs	--
Precision Medical EasyPulse PM4130	--	5.5 hrs	3.8 hrs	2.8 hrs	--	--	--
EasyPulse Ext. Battery +add	--	5.5 hrs	3.8 hrs	2.8 hrs	--	--	--
Philips Respironics EverGo	--	6.0 hrs	4.0 hrs	3.0 hrs	2.0 hrs	2.0 hrs	2.0 hrs
EverGo w/ 2nd Battery	--	12.0 hrs	8.0 hrs	6.0 hrs	4.0 hrs	4.0 hrs	4.0 hrs
Philips Respironics SimplyGo Mini	--	6.0 hrs	4.5 hrs	3.0 hrs	2.25 hrs	2.0 hrs	--
SimplyGo Mini Double Battery	--	12.0 hrs	9.0 hrs	6.0 hrs	4.5 hrs	4.0 hrs	--
ResMed Mobi Internal	--	8.6 hrs	6.0 hrs	3.8 hrs	3.2 hrs	--	--
ResMed Mobi Ext Battery +add	--	4.5 hrs	3.0 hrs	1.6 hrs	1.6 hrs	--	--
DeVilbiss Healthcare iGo	--	5.4 hrs	4.7 hrs	4.0 hrs	3.5 hrs	3.2 hrs	3.0 hrs
<b>Continuous Flow</b>	--	<b>4.0 hrs</b>	<b>2.4 hrs</b>	<b>1.6 hrs</b>	--	--	--
Precision Medical EasyPulse TOC	--	3.3 hrs	3.0 hrs	2.8 hrs	2.5 hrs	2.3 hrs	--
<b>Continuous Flow</b> 1/8th=5.0 hrs 1/4th=4.3 hrs	<b>3.3 hrs</b>	<b>1.8 hrs</b>	<b>0.8 hrs</b>	--	--	--	--
GCE Healthcare Zen-O	--	4.0 hrs	4.0 hrs	3.0 hrs	2.25 hrs	2.0 hrs	1.75 hrs
Zen-O w/ 2nd Battery	--	8.0 hrs	8.0 hrs	6.0 hrs	4.5 hrs	4.0 hrs	3.5 hrs
<b>Continuous Flow</b> Battery/with 2nd Battery	<b>3.0/6.0hrs</b>	<b>1.75/3.5hrs</b>	<b>0.75/1.5hrs</b>	--	--	--	--
Invacare Solo2	--	4.5 hrs	3.5 hrs	3.0 hrs	2.5 hrs	2.5 hrs	--
<b>Continuous Flow</b>	--	<b>3.5 hrs</b>	<b>2.5 hrs</b>	<b>1.5 hrs</b>	--	--	--
Oxlife Independence	3hr 8min	3.0 hrs	2hr 53min	2.0 hrs	1.5 hrs	1hr 8min	53 min
w/ 2nd Battery	6hr 15min	6.0 hrs	5hr 45min	4.0 hrs	3.0 hrs	2hr 15min	1hr 45min
<b>Continuous Flow</b> Battery/with 2nd Battery	<b>2hr53min/5hr45min</b>	<b>2hr38min/5hr15min</b>	<b>1hr15min/2hr30min</b>	<b>45min/1hr30min</b>	--	--	--
Philips Respironics SimplyGo	--	3.4 hrs	3.0 hrs	2.2 hrs	1.7 hrs	1.3 hrs	1.3 hrs
<b>Continuous Flow</b>	<b>2.9 hrs</b>	<b>1.6 hrs</b>	<b>0.9 hrs</b>	--	--	--	--
SeQual Eclipse	--	4.4 hrs	3.6 hrs	3.0 hrs	2.6 hrs	2.3 hrs	2.1 hrs
<b>Continuous Flow</b>	<b>4.4 hrs</b>	<b>3.7 hrs</b>	<b>2.0 hrs</b>	<b>1.3 hrs</b>	--	--	--
SeQual Saros	--	1.2 hrs	1.1 hrs	53 min	47 min	46 min	37 min
<b>Continuous Flow</b>	--	<b>1.1 hrs</b>	<b>45 min</b>	<b>30 min</b>	--	--	--
VBOX Trooper	--	3.5 hrs	3.5 hrs	3.5 hrs	3.5 hrs	3.5 hrs	3.5 hrs

## SeQual Equinox (US) & Oxywell (Japan Model)

Pulse Delivery	<b>12 Cell</b>	<b>24 Cell</b>	<b>Continuous Flow</b>	<b>12 Cell</b>	<b>24 Cell</b>
Setting 1.0 Bolus 16 mL	2.827 hrs	6.03 hrs	Setting 0.5 LPM	2.48 hrs	5.28 hrs
Setting 2.0 Bolus 32 mL	2.783 hrs	5.94 hrs	Setting 1.0 LPM	2.16 hrs	4.84 hrs
Setting 3.0 Bolus 48 mL	2.38 hrs	5.39 hrs	Setting 2.0 LPM	1.21 hrs	2.75 hrs
Setting 4.0 Bolus 64 mL	2.31 hrs	4.94 hrs	Setting 3.0 LPM	0.8 hrs	1.84 hrs
Setting 5.0 Bolus 80 mL	2.22 hrs	4.75 hrs			
Setting 6.0 Bolus 96 mL	1.70 hrs	3.85 hrs			
Setting 7.0 Bolus 128 mL	1.56 hrs	3.33 hrs			
Setting 8.0 Bolus 160 mL	1.28 hrs	2.72 hrs			
Setting 9.0 Bolus 192 mL	1.0 hrs	2.15 hrs			

## SeQual Eclipse 5

Pulse Delivery	<b>Continuous Flow</b>
Setting .5 NA	Setting .5 4.4 hrs
Setting 1.0 5.4 hrs	Setting 1.0 3.7 hrs
Setting 2.0 5.2 hrs	Setting 2.0 2.0 hrs
Setting 3.0 4.9 hrs	Setting 3.0 1.3 hrs
Setting 4.0 4.0 hrs	Pulse 128 mL 2.5 hrs
Setting 5.0 3.7 hrs	Pulse 160 mL 2.0 hrs
Setting 6.0 3.5 hrs	Pulse 192 mL 1.7 hrs



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All times based on NEW batteries and are estimates as per each manufacturer. Each Airline has its own rules about flying with portable oxygen concentrators.

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