

Oxygen Delivery Modes

The Oxlife Liberty[®] is capable of delivering oxygen in both continuous flow and pulse mode.



CONTINUOUS FLOW MODE

In Continuous Flow Mode the device will deliver a continuous flow of oxygen through the cannula to the patient. The oxygen is measured in Liters per minute or LPM.



PULSE FLOW MODE

In Pulse Flow Mode the device will detect the patient's breath and supply a measured pulse of oxygen, or bolus, during the inhalation period. The breath detect icon will flash on the control panel with each breath.

Breaths per Minute	Settings / Bolus Size (ml)									
	1	2	3	4	5	6	7	8	9	10*
15	8.0	16.0	24.0	32.0	40.0	48.0	56.0	65.0	75.0	80.0
20	8.0	16.0	24.0	32.0	40.0	48.0	56.0	65.0	75.0	80.0
25	6.4	12.8	19.2	25.6	32.0	38.4	44.8	52.0	60.0	64.0
30	5.3	10.7	16.0	21.3	26.7	32.0	37.3	43.3	50.0	53.3
35	4.6	9.1	13.7	18.3	22.9	27.4	32.0	37.1	42.9	45.7
40	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.5	37.5	40.0

*Pulse Mode setting 10 available with the Liberty2 device.

If no breath is detected for 45 seconds, the device will indicate a No Breath Alert. When this occurs, the display screen will turn amber and the device will beep once. If no breath is detected for an additional 15 seconds, the device will default to a continuous flow mode setting.

Battery Operation

Typical Battery Operation Times

Continuous Flow	Operating Time/Hours
Setting 0.5 LPM	3.25
Setting 0.75 LPM	2.5
Setting 1 LPM	2
Setting 1.25 LPM	1.75
Setting 1.5 LPM	1.5
Setting 1.75* LPM	1.25
Setting 2.0* LPM	1
Pulse Mode	Operating Time/Hours
Setting 1	4.5
Setting 2	4
Setting 3	3.5
Setting 4	3
Setting 5	2.5
Setting 6	2
Setting 7	1.75
Setting 8	1.75
Setting 9	1.25
Setting 10*	1.25

Battery operating times are based on a new, fully charged battery.

Battery operating time will degrade with battery age, number of charge cycles and operating environment.

Battery Charge Status is displayed on the control panel. As charge level increases on the battery, the battery icon will turn solid in proportionate levels. When the battery is fully charged (over 95%) the battery icon will appear solid.

The Oxlife Liberty® battery includes a battery charge status indicator located on the front of the battery. Simply press the "PUSH" button on battery to display the remaining battery life in 25% increments.

*Continuous Flow Settings 1.75 and 2.0 and Pulse Mode setting 10 are available with the Liberty2 device.

The AC power supply allows use of the Oxlife Liberty® while simultaneously charging the battery at all setting.

The typical time to recharge a fully discharged battery is under 2.5 hours with the device plugged into the AC power supply and powered off. Battery charge times while the device is running will vary depending on elected setting.

The DC power cord allows use of the Oxlife Liberty® from a vehicle's 12/15-volt DC outlet in all settings while the vehicle is running. Normal charging will occur up to Setting 2 Continuous mode and Setting 4 Pulse mode. When using the device on DC power above these settings, only trickle charging of the battery may occur. Each vehicle's DC power outlet varies in specifications and performance.