

New B3000 Series Battery

Since the introduction of the B3000 badge Vocera has offered a standard capacity and extended capacity battery so that customers can choose whichever battery size best suits their operating environments. However the differing battery capacities can cause some confusion as to which battery would be most suitable.

In the spirit of continual improvement, Vocera evaluated the current standard and extended batteries and decided to produce a new battery with a capacity between the current and extended batteries with the intention of offering a single B3000 Series battery going forward.

Vocera took this opportunity to make the following significant improvements to the new B3000 Series battery.

- Increased mechanical strength in the battery casing and improved latch and locating pin design to provide greater resilience to drops and damage
- Increased resistance to dust and water ingress (IP54) and cleaning agents found in healthcare
- An ability to track discharge and recharge cycles, in conjunction with firmware update to better measure when a battery is in need of replacement
- Unique identification of batteries through a serial number for improved inventory management

To ease introduction of the new B3000 Series battery, the new battery is fully compatible with all B3000 Desktop and 8-Bay Chargers, including the operation of the battery health indicators in these chargers. The new B3000 Series battery is fully compatible with both B3000 and B3000n badges.

The following table provides details on the new B3000 Series batteries and comparison with the existing B3000 standard and extended batteries

Model	SKU	Capacity	Dimensions	Weight
B3000 STD White	230-01977	645mAh	1.7" x 1.4" x 0.35"	0.6oz
B3000 STD Black	230-01980	645mAh	1.7" x 1.4" x 0.35"	0.6oz
B3000 EXT White	230-02012	920mAh	1.7" x 1.4" x 0.43"	0.77oz
B3000 EXT Black	230-02020	920mAh	1.7" x 1.4" x 0.43"	0.77oz
B3000 Series White	230-01925	730mAh	1.7" x 1.4" x 0.43"	0.77oz
B3000 Series Black	230-01924	730mAh	1.7" x 1.4" x 0.43"	0.77oz

Battery lifetime is dependent on a number of variables including the calling pattern, the Wi-Fi connectivity, the volume of calls, and the age of the battery. Vocera characterizes batteries by measuring their standby time and their active call time. The following results are for fresh batteries in an area of good Wi-Fi connectivity.

Battery	Approx. Talk Time	Approx. Standby Time
B3000 Standard	3 hours	30 hours
B3000 Extended	5 hours	60 hours
B3000 Series	4 hours	40 hours

For more information on the new B3000 Series Battery, contact your local Vocera representative.