

Confidea BP G4

71.98.0045

Battery Pack



Description

The high capacity Lithium-ion rechargeable battery pack provides power to the wireless Confidea FLEX units. Lithium-ion rechargeable cells have a long lifespan as they do not have charging degradation issues typically associated with other rechargeable battery types.

The smart battery pack is monitored and controlled via a built-in microcontroller which tracks the recharging process and prevents overloading.

Fully charging an empty battery takes about 2 hours and guarantees an autonomy of 12 hours for typical usage with a Confidea FLEX G4 unit. The units have two battery compartments.

What's more, the battery pack's quick charge properties allows you to charge to 50% after just 45 min. Reaching even 65% within 1 hour.

The battery packs can be charged in the Confidea CHT G4 charging tray (71.98.0046), a 1U rack mountable device which accommodates up to 10 packs at once.

At the bottom of the battery pack, a test button indicates the remaining charge time. Simply push the button to visualize the remaining charge of the battery.



A total of five LEDs are representing the remaining capacity, each representing 20% charge.

The battery has a protection against short circuit, overcharge and overheating.

A total of 500 full charging cycles is guaranteed.

The battery status of all units connected to the access point can be monitored at any time from the Confero webpage.

Features

- » Battery status LED
- » Charging LED
- » Push-to-test button
- » LED bar for capacity and status indication
- » Quick charge to 50% (45 min)

Accessories

Confidea CHT G4

71.98.0046

Certification

Region	Certification
General	UN38.3
Europe	CE
United States	UL
Korea	KC
Japan	PSE
Russia	EAC
Taiwan	BSMI

Specifications

Mechanical	
Material	PC/ABS
Color	Black matt, RAL9011
Size (w x h x d)	150 x 26,3 x 22,8 mm 5.90 x 1.04 x 0.90 in
Size packed (mm)	165 x 35 x 55 mm 6.50 x 1.18 x 2.17 in
Weight	130 g 4.59 oz
Weight packed (g)	154 gr 5.43 oz

Electrical	
Capacity	3.1 Ah
Autonomy	FLEX : 12h
Max/min output voltage	8.4/6 VDC
Nominal output voltage	7.2 VDC
Charging cycles	500 full charges
Charging time (empty to 100%)	2 hours
Quick charge to 50%	45 min

Environment	
Charging temperature	5 - 45 °C
Operating temperature	-10 - 60 °C
Storage temperature	-20 - 60°C