Confidea BP

Confidea Battery Pack

Description

The high capacity Lithium-ion rechargeable battery pack provides power to the wireless Confidea 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 4 hours and guarantees an autonomy of 28 hours for typical usage. What's more, the battery pack's quick charge properties allow you to charge them to half autonomy (50%/14 hours) after just 1 hour of charging.

The battery packs can also be charged in a charging tray (Confidea CHT 71.98.0043), which accommodates up to 6 packs at once. Additionally, an adapter at the back of the unit allows the batteries to be charged while the Confidea units are operational.

At the bottom of the battery pack, a test button indicates the remaining charge time. Simply push the button to activate a row of LEDs that indicate the remaining charge of the battery, ranging from fully charged (green) to almost empty (red):

The battery status of all units can be viewed at any time from a web browser.

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Features

» Battery status LED
» Power adapter connected LED
» Charging LED
» Push-to-test button
» LED bar for capacity and status indication
» Quick charge to reach 50% capacity in 60 minutes

Accessories

Battery Charger	**71.98.0040**
Charging Tray	**71.98.0043**

Certification

Region	Certification
Europe	CE

Specifications

Mechanical	
Material	PC/ABS
Color	Black matt, RAL9011
Size (mm)	170 (w) × 25 (h) × 75 (d)
Size packed (mm)*	260 (w) × 45 (h) × 200 (d)
Weight	320g
Weight packed*	660g
Electrical	
Supply voltage	15 V
Capacity	6600 mAh
Autonomy	28 hours
Max/min output voltage	8.4/5.9 VDC
Nominal output voltage	7.2 VDC
Charging time	4 hours
Quick charge to 50%	1 hour
Environment	
Operating temperature	5 to 55 °C

(*) Packed per 2