

## BATTERY SHIPPING

This August DEWALT is launching XR FLEXVOLT, a new range of cordless power tools delivering unprecedented levels of power. The tools are powered by the XR FLEXVOLT 18/54V battery, the world's first convertible voltage power tool battery.



As the XR FLEXVOLT battery is one of our highest capacity batteries to date, we have also developed an innovative transport cap to allow the batteries to be moved around easily.

## BATTERY CAPACITIES & TRANSPORTATION

The total amount of energy in a battery is measured in Watt Hours, which are calculated by multiplying voltage (V) by amp hours (Ah).

Batteries over 100Wh are categorised as Class 9 Hazardous Goods. Watt hours are shown on the ratings label of on the underside of the battery pack.

Example battery watt hour (Wh) calculations:

**DCB127 (10.8V 2.0Ah)**

$$10.8V \times 2.0Ah = 21.6Wh$$

**DCB184 (18V 5.0Ah)**

$$18V \times 5.0Ah = 90Wh$$

**DCB546 (18V 6.0Ah XR FLEXVOLT)**

$$18V \times 6.0Ah = 108Wh$$

*Note that in 54V/2.0Ah mode, the total amount of energy in the battery remains at 108Wh*

*May 2017 – information correct at time of publishing*

**DCB547 (18V 9.0Ah XR FLEXVOLT)**

18V x 9.0Ah = 162Wh

*Note that in 54V/3.0Ah mode, the total amount of energy in the battery remains 162Wh*

## BATTERY TRANSPORT CAP

The battery transport cap separates the strings of cells so that one battery pack assembly can be classed as three battery packs during transportation; for road and rail transportation inside of the European Economic Community (EEC) the battery can be shipped under special provision 188 of the ADR Regulations.

If the battery transport cap is not used these batteries will be subject to Class 9 dangerous goods regulations. These regulations apply to Li-Ion batteries above 100 watt hours (Wh). Watt hours are shown on the ratings label of on the underside of the battery pack.

All deliveries of XR FLEXVOLT batteries from DEWALT will include the battery transport cap, which is also available as service part (N462141). It is ultimately the sender's responsibility to correctly ship Li-Ion batteries according to dangerous goods transportation regulations and freight rules. Failure to do so may result in prosecution by Dangerous Goods transportation authorities.



Without cap =  
108Wh battery for power tool



With cap =  
3 x 36Wh battery for transport



Without cap =  
162Wh battery for power tool



With cap =  
3 x 54Wh battery for transport

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## QUICK REFERENCE TABLE

	Road Freight	Air Freight	Personal Air Travel
1 or more batteries without transport cap	x	x	x
1 battery with transport cap	✓	x	✓
Multiple batteries with transport cap	✓	x	✓
Battery pack assemblies with transport cap, shipped with equipment	✓	✓	✓
Product kitted with battery attached to tool	x	x	x
Product kitted with batteries separate from tool and transport caps attached	✓	✓	✓

*\*For indication only. Conditions apply, refer to freight company, airline or local regulatory authority for further information.*