
Subject: What is WHr when it comes to laptop batteries? HELP!

Posted by [Starbuzz](#) on Tue, 11 Dec 2007 17:47:39 GMT

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Hello everyone,

I was wondering what does "WHr" stand for when it is used to describe laptop batteries.

Here is a Dell link to batteries:

http://accessories.us.dell.com/sna/category.aspx?c=us&category_id=6590&cs=04&l=en&s=bsd&~ck=anav&p=3

See how it says 85 WHr, 48 WHr, 56 WHr before the battery names? What does it stand for? And does anyone know what it converts to in terms of actual battery power and consumption?

I know WHr is a system or scale to show the power of the batteries. The higher the WHr "rating" then the more powerful and heavier the battery.

But I find no information at all about what WHr stands for anywhere.

EDIT:

Bah, I found out something on the Dell website. Here is an explanation:

But is there anyway to convert the said ampere hours or Watt-hours to like normal time?

Subject: Re: What is WHr when it comes to laptop batteries? HELP!

Posted by [Carrierll](#) on Tue, 11 Dec 2007 18:00:52 GMT

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Work out how much power your PC consumes per minute and then go from there.

Subject: Re: What is WHr when it comes to laptop batteries? HELP!

Posted by [jnz](#) on Tue, 11 Dec 2007 18:45:53 GMT

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Lets say the laptop works at 10V and consumes 5A, running on a 100WHr battery.

I assume it can supply 100watts for an hour.

$P(\text{watts}) = I(\text{amps}) * V(\text{volts})$

$10 * 5 = 50$

$100 / 50 = 2 \text{ hours}$

Subject: Re: What is WHr when it comes to laptop batteries? HELP!

Posted by [Muad Dib15](#) on Tue, 11 Dec 2007 23:36:19 GMT

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It doesn't matter.

The higher the number, the longer your lap top will run. Those kind of things usually work for me with this kind of stuff.

Subject: Re: What is WHr when it comes to laptop batteries? HELP!

Posted by [Starbuzz](#) on Wed, 12 Dec 2007 07:19:46 GMT

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OK thanks everyone.

@RoShamBo

Yes, your right. It comes down to 2-3 hours and sometimes 4 hours of extra battery life.

Subject: Re: What is WHr when it comes to laptop batteries? HELP!

Posted by [sadukar09](#) on Wed, 12 Dec 2007 12:38:24 GMT

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Starbuzz wrote on Wed, 12 December 2007 01:19OK thanks everyone.

@RoShamBo

Yes, your right. It comes down to 2-3 hours and sometimes 4 hours of extra battery life. Always buy an extra battery pack, and the AC Adapter.
