

Overview

HP Business Notebook Battery Solutions

Models

HP (4200/4400 Series) 6-Cell Li-Ion Primary Battery	PB991A
HP 6-Cell Li-Ion Primary Battery	PB994A
HP 8-Cell Li-Ion Primary Battery	PB992A
HP 2400/2510p Series 3-cell Li-Ion Primary Battery	RW556AA
HP 2400/2510p Series 6-cell Li-Ion Primary Battery	EH767AA
HP 2400/2510p Series 9-Cell Li-Ion Primary Battery	EH768AA
HP 2700 Series 6-cell Li-Ion Primary Battery	AH547AA
HP 2700 Series 6-Cell Li-Ion Ultra-slim Battery	RX932AA
HP 6720s/6820s series 6-Cell Li-Ion Primary Battery	GJ655AA
HP 8-Cell Li-Ion Primary Battery	RW557AA
HP 8-cell Extended Life Battery	PB993A
HP 12-cell Ultra-Capacity Battery	EJ092AA#B13

Introduction

HP Primary Batteries

Stay connected and be productive wherever your work takes you with up to 6 hours of battery life in HP Compaq Business Notebooks and Tablet PCs. No need to sacrifice performance, productivity or convenience.

HP 2700 Series 6-Cell Li-Ion Ultra-slim Battery

Stay mobile and productive for up to 11 hours and 45 minutes with the optional HP 2700 Ultra-Slim Battery in addition to the primary battery. The unique battery design allows you to dock to your HP 2700 Ultra-Slim Expansion Base for convenience or charging while you work.

HP 12-Cell Ultra-Capacity Battery

Increase the battery life of your HP Business Notebook by an additional 10 hours with the HP 12-cell Ultra-Capacity Battery.

While out of the office or on the road, increase your productivity by powering your notebook for longer periods with the HP 12-Cell Ultra-Capacity Battery. The HP 12-Cell Ultra-Capacity Battery features a unique integrated power connector and ships with a HP 65W Smart AC adapter enabling you to charge your battery when it is not connected to your notebook giving you extended battery life whenever and wherever you need it.

HP 8-Cell Extended Life Battery

Battery life can be extended by up to six hours with the addition of the uniquely designed HP 8-Cell Extended Life Battery to your HP Business Notebook.

The HP 8-Cell Extended Life battery allows you to stay productive longer without adding significant weight and also offers the convenience of charging while the notebook or tablet is docked. The HP 8-Cell Extended Life Battery is the perfect solution for the "corridor warrior" that requires extra battery life for those long meetings but still values the benefits of docking.

With HP Business Notebook battery solutions you can plan for all-day computing and work as if you've never left the office.

NOTE: Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer. As with all batteries, the maximum capacity of



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this battery will decrease with time and usage.

Compatibility

- HP (4200/4400 Series) 6-Cell Li-Ion Primary Battery is compatible with the HP Compaq 4200 and 4400 series Notebooks and the 4200 and 4400 series Tablet PCs.
- HP 6-Cell Li-Ion Primary Battery is compatible with the HP Compaq 6100, 6200, 6300 and 6400 series Notebooks.
- HP 8-Cell Li-Ion Primary Battery is compatible with the HP Compaq 7400, 8200, 8400 and 9400 series Notebooks.
- The HP 8-cell Extended Life Battery is compatible with all HP Compaq Business Notebook PCs (except 500 and 510 series) and 4200 and 4400 series Notebook/Tablet PCs.
- The HP 12-Cell Ultra-Capacity Battery is compatible with all HP Compaq Business Notebook PCs (except 500 and 510 series) and 4200 and 4400 series Notebook/Tablet PCs.
- The HP 2400/2510p Series 3-cell Primary Battery is compatible with HP 2400 and 2510p Series Business Notebooks.
- The HP 2400/2510p Series 6-cell and 9-cell primary batteries are compatible with HP 2400 and 2510p Series Business Notebooks.
- HP 2700 Series 6-cell Li-Ion Primary and Ultra-Slim batteries are compatible with 2700 series Business Notebooks
- HP 6720s/6820s series) 6-Cell Li-Ion Primary Battery is compatible with HP Compaq 6720s and 6820s series Business Notebooks.
- The HP 8-Cell Li-Ion Primary Battery is compatible with HP 510 series notebooks.

Service and Support

The warranty period for HP Business Notebook batteries is one year, part replacement. Additional support is available (North America only) seven days a week, 24 hours a day by phone as well as through online support forums.

Spares Information

HP (4200/4400 Series) 6-Cell Li-Ion Primary Battery	381373-001
HP 6-Cell Li-Ion Primary Battery	364602-001
HP 8-Cell Li-Ion Primary Battery	381374-001
HP 2400/2510p Series 3-Cell Li-Ion Primary Battery	441675-001
HP 2400/2510p Series 6-Cell Li-Ion Primary Battery	411126-001
HP 2400/2510p Series 9-Cell Li-Ion Primary Battery	411127-001
HP 2700 Series 6-cell Li-Ion Primary Battery	443156-001
HP 2700 Series 6-Cell Li-Ion Ultra-slim Battery	443157-001
HP 8-cell Extended Life Battery	367456-001
HP 6720s/6820s series) 6-Cell Li-Ion Primary Battery	xxxxxxx-001
HP 8-Cell Li-Ion (510 series) Primary Battery	441674-001
HP 12-cell Ultra-Capacity Battery	405389-001

Technical Specifications

HP 6-Cell Li-Ion Primary Battery (4200/4400 Series)	Weight	0.705 lb (0.320 kg)
	Dimensions	0.8 x 2.75 x 4.75 in (2 x 7 x 12 cm)
	Cell Type	6-cell Lithium-Ion
	Energy	Voltage 10.8V
		Amp-hour capacity 4.8Ah
		Watt-hour capacity 52Wh
	Temperature	Operating (Charging) 32° to 113° F (0° to 45° C)
		Operating (discharging) capacity 14° to 140° F (-10° to 60° C)
		Non-operating -4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode 2.5 hours
		System ON 3 to 5 hours
	Fuel Gauge LED	Yes

HP 6-Cell Li-Ion Primary Battery (6100/6200/6300/6400 Series)	Weight	0.737 lb (0.335 kg)/0.715 lb (0.325 kg)
	Dimensions	0.8 x 2.1 x 8.0 in (2.0 x 5.3 x 20.3 cm)
	Cell Type	6-cell Lithium-Ion
	Energy	Voltage 10.8V/10.8V
		Amp-hour capacity 4.8Ah/4.4Ah
		Watt-hour capacity 52Wh/47Wh
	Temperature	Operating (Charging) 32° to 113° F (0° to 45° C)
		Operating (Discharging) capacity 14° to 140° F (-10° to 60° C)
		Non-operating -4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode 2.5 hours
		System ON 3 to 5 hours
	Fuel Gauge LED	No

HP 8-Cell Li-Ion Primary Battery (7400/8200/8400/9400 series)	Weight	0.980 lb (0.445 kg)
	Dimensions	0.8 x 1.9 x 10.6 in (2.0 x 4.8 x 27.0 cm)
	Cell Type	6-cell Lithium-Ion
	Energy	Voltage 14.4V
		Amp-hour capacity 4.8Ah
		Watt-hour capacity 69Wh
	Temperature	Operating (Charging) 32° to 113° F (0° to 45° C)
		Operating (Discharging) capacity 14° to 140° F (-10° to 60° C)
		Non-operating -4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode 2.5 hours
		System ON 3 to 5 hours
	Fuel Gauge LED	No

HP 8-cell Extended Life Battery	Weight	1.00 lb (0.455 kg)
	Dimensions	1.0 x 3.9 x 8.7 in (2.5 x 10.0 x 22.0 cm)
	Cell Type	8-cell Lithium-Ion
	Energy	Voltage 14.4V
		Amp-hour capacity 3.6Ah



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	Temperature	Watt-hour capacity Operating (charging) Operating (Discharging) capacity Non-operating	52Wh 32° to 113° F (0° to 45° C) 14° to 140° F (-10° to 60° C) -4° to 140° F (-20° to 60° C)	
	Battery Recharge Time	System in OFF or Standby Mode System ON	3 hours 3 to 5 hours	
	Fuel Gauge LED	Yes		
HP 2400/2510p Series 3-Cell Li-Ion Primary Battery	Weight	0.39 lb (0.176 kg)		
	Dimensions	0.8 x 1.5 x 8.1 in (2.1 x 3.9 x 20.6 cm)		
	Cell Type	3-cell Lithium-Ion		
	Energy	Voltage Watt-hour capacity Amp-hour capacity	10.8V 28Wh 2.55Ah	
	Temperature	Operating (charging) Operating (Discharging) capacity Non-operating	32° to 113° F (0° to 45° C) 14° to 140° F (-10° to 60° C) -4° to 140° F (-20° to 60° C)	
	Battery Recharge Time	System in OFF or Standby Mode System ON	2.5 hours 3 to 5 hours	
	Fuel Gauge LED	No		
	HP 2400/2510p Series 6-Cell Li-Ion Primary Battery	Weight	0.73 lb (0.332 kg)	
		Dimensions	0.8 x 2.3 x 8.1 in (2.1 x 5.9 x 20.6 cm)	
		Cell Type	6-cell Lithium-Ion	
		Energy	Voltage Watt-hour capacity Amp-hour capacity	10.8V 55Wh 5.1Ah
		Temperature	Operating (charging) Operating (Discharging) capacity Non-operating	32° to 113° F (0° to 45° C) 14° to 140° F (-10° to 60° C) -4° to 140° F (-20° to 60° C)
Battery Recharge Time		System in OFF or Standby Mode System ON	2.5 hours 3 to 5 hours	
Fuel Gauge LED		When pressed, LEDs light indicating level of charge remaining on battery		
HP 2400/2510p Series 9-Cell Li-Ion Primary Battery		Weight	1.07 lb (0.488 kg)	
		Dimensions	1.6 x 2.3 x 8.1 in (4.1 x 5.9 x 20.6 cm)	
		Cell Type	9-cell Lithium-Ion	
		Energy	Voltage Watt-hour capacity Amp-hour capacity	10.8V 83Wh 7.65Ah
		Temperature	Operating (charging) Operating (Discharging) capacity Non-operating	32° to 113° F (0° to 45° C) 14° to 140° F (-10° to 60° C) -4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode	3 to 4 hours	



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	Fuel Gauge LED	System ON When pressed, LEDs light indicating level of charge remaining on battery	4 to 5 hours
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HP 2700 Series 6-cell Li-Ion Primary Battery	Weight	0.64lb (0.291kg)	
	Dimensions	0.6x2.7x8.3in (1.4x6.8x21.1cm)	
	Cell Type	6-cell Lithium-Ion	
	Energy	Voltage	11.1V
		Watt-hour capacity	4.0Ah
		Amp-hour capacity	44Wh
	Temperature	Operating (charging)	32° to 113° F (0° to 45° C)
		Operating (Discharging) capacity	14° to 140° F (-10° to 60° C)
		Non-operating	-4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode	2.5 hours
		System ON	3 to 5 hours
	Fuel Gauge LED	Yes	

HP 2700 Series 6-cell Li-Ion Ultra-slim Battery	Weight	1.24lb (0.561kg)	
	Dimensions	0.7x7.5x10.6in (1.8x19.1x26.9cm)	
	Cell Type	6-cell Lithium-Ion	
	Energy	Voltage	11.1V
		Watt-hour capacity	4.2Ah
		Amp-hour capacity	46Wh
	Temperature	Operating (charging)	32° to 113° F (0° to 45° C)
		Operating (Discharging) capacity	14° to 140° F (-10° to 60° C)
		Non-operating	-4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode	2.5 hours
		System ON	3 to 5 hours
	Fuel Gauge LED	Yes	

HP 6720s/6820s series 6-Cell Li-Ion Primary Battery	Weight	0.75lb (0.340kg)	
	Dimensions	0.8 x 2.4 x 10.6 in (2.0 x 6.1 x 26.9 cm)	
	Cell Type	6-cell Lithium-Ion	
	Energy	Voltage	10.8V
		Watt-hour capacity	5.1Ah
		Amp-hour capacity	55Wh
	Temperature	Operating (charging)	32° to 113° F (0° to 45° C)
		Operating (Discharging) capacity	14° to 140° F (-10° to 60° C)
		Non-operating	-4° to 140° F (-20° to 60° C)
	Battery Recharge Time	System in OFF or Standby Mode	2.5 hours
		System ON	3 to 5 hours
	Fuel Gauge LED		

HP 8-Cell Li-Ion (510 series) Battery	Weight	0.91lb (0.412kg)	
	Dimensions	1.0x2.3x10.6in (2.4x5.9x27.0cm)	



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Cell Type	8-cell Lithium-Ion	
Energy	Voltage	14.8V
	Amp-hour capacity	14.4Ah
	Watt-hour capacity	63Wh
Temperature	Operating (Charging)	32° to 113° F (0° to 45° C)
	Operating (Discharging) capacity	-4° to 140° F (-10° to 60° C)
	Non-operating	-4° to 140° F (-20° to 60° C)
Battery Recharge Time	System ON	4 to 6 hours
Fuel Gauge LED		

HP 12-cell Ultra-Capacity Battery	Weight	1.77 lb (0.803 kg)
	Dimensions	1.3 x 6.0 x 10.6 in (3.33 x 15.25 x 26.88 cm)
	Cell Type	12-cell Lithium-Ion
Energy	Voltage	14.8V
	Amp-hour capacity	6.45Ah
	Watt-hour capacity	95Wh
Temperature	Operating (Charging)	32° to 113° F (0° to 45° C)
	Operating (Discharging) capacity	-4° to 140° F (-10° to 60° C)
	Non-operating	-4° to 140° F (-20° to 60° C)
Battery Recharge Time	Smart Adapter	3 to 4 hours
	System ON	4 to 5 hours
Fuel Gauge LED	Yes	

Business Notebook Battery Life

HP Compaq Business Notebook	Primary Batteries	HP Extended Life Battery	HP 12-Cell Ultra-Capacity Battery
	Primary Batteries	HP Extended Life Battery	HP 12-Cell Ultra Capacity Battery
2510p*	4 hours*	8 hours*	12 hours*
2710p*	5 hours, 30 minutes*	11 hours, 45 minutes*	
6510b	5 hours, 15 minutes	10 hours, 45 minutes	14 hours, 30 minutes
6710b	5 hours, 15 minutes	10 hours, 45 minutes	14 hours, 30 minutes
6715b	4 hours, 30 minutes	8 hours 30 minutes	12 hours
6910p	5 hours, 45 minutes	11 hours, 15 minutes	15 hours, 15 minutes
8510p	5 hours	9 hours	11 hours, 45 minutes
8710p	4 hours, 30 minutes	8 hours	10 hours
8510w	5 hours	9 hours	11 hours, 45 minutes
8710w	4 hours	7 hours	9 hours
NOTE: Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer. As with all batteries, the maximum capacity of this battery will decrease with time and usage. * uses product specific battery			

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Technical Specifications

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