

Overview

HP 2012 -2016 Business Notebook Battery Solutions

Models

HP Notebook Batteries

HP CA09 Notebook Battery	E7U22AA
HP FP06 Notebook Battery	H6L26AA
HP RA04 Notebook Battery	H6L28AA
HP FN04 Notebook Battery	QK648AA
HP JN04 Notebook Battery	QK650AA
HP JN06 Notebook Battery	QK651AA
HP PR06 Notebook Battery	QK646AA
HP MI06 Notebook Battery	H4A44AA
HP PR08 Notebook Battery	QK647AA
HP CC09 Notebook Battery	QK643AA
HP SX09 Notebook Battery	QK645AA
HP OA04 Notebook Battery	J1U99AA
HP LA04 Notebook Battery	J1V00AA
HP KP06 Notebook Battery	J6U77AA
HP HS04 Notebook Battery	M2Q95AA
HP R004 Notebook Battery	P3G13AA
HP RI04 Notebook Battery	P3G15AA

HP Long Life Notebook Batteries

HP DB06XL Long Life Notebook Battery	M0A68AA
HP CA06XL Long Life Notebook Battery	E7U21AA
HP CM03XL Long Life Notebook Battery	E7U24AA
HP CO06XL Long Life Notebook Battery	E7U23AA
HP AR08XL Long Life Notebook Battery	E7U26AA
HP SB03XL Long Life Notebook Battery	E7U25AA
HP BT04XL Long Life Notebook Battery	H4Q47AA
HP BA06XL Long Life Notebook Battery	H4Q48AA
HP RC06XL Long Life Notebook Battery	H4Q46AA
HP MU06XL Long Life Notebook Battery	H0F74AA
HP OD06XL Long Life Notebook Battery	H6L25AA
HP CC06XL Long Life Notebook Battery	QK642AA
HP SX06XL Long Life Notebook Battery	QK644AA
HP VH08XL Long Life Notebook Battery	QK641AA
HP VI04XL Long Life Notebook Battery	J6U78AA
HP R006XL Long Life Notebook Battery	P3G14AA
HP RI06XL Long Life Notebook Battery	P3G16AA
HP CS03XL Rechargeable Battery New!	T7B32AA
HP CI03XL Rechargeable Battery New!	T7B31AA
HP SN03XL Rechargeable Battery New!	T7B33AA
HP AA06XL Rechargeable Battery New!	Z3R03AA

HP Extended Life and Ultra Extended Life Notebook Batteries

HP ST09 Extended Life Notebook Battery	QK639AA
HP BB09 Ultra Extended Life Notebook Battery	QK640AA

Compatibility



Overview

Please note that these batteries are only compatible with HP Business Notebooks that launch in 2012 or later. If you need a battery for a 2011 or prior HP Business Notebook, please refer to the HP Business Notebook Battery Solutions QuickSpecs at <http://www8.hp.com/h20195/v2/GetDocument.aspx?docname=c04168413>

NOTE: Not all models are available in all regions.

HP Notebook Batteries

Battery

Compatible HP Business Notebook

HP CA09 Notebook Battery

- HP ProBook 640 G1, 645 G1, 655 G1 and 650 G1 Notebook PC

HP FP06 Notebook Battery

- HP ProBook 440, 445, 450, 455 and 470 Notebook PC

HP RA04 Notebook Battery

- HP ProBook 430 Notebook PC

HP FN04 Notebook Battery

- HP ProBook 5330m Notebook PC

HP JN04 Notebook Battery

- HP ProBook 4230s Notebook PC

HP JN06 Notebook Battery

- HP ProBook 4230s Notebook PC

HP PR06 Notebook Battery

- HP ProBook 4330s, 2011 or later HP ProBook 44XXs, 45XXs and 47XXs Notebook PCs

HP MI06 Notebook Battery

- HP EliteBook 2170p Notebook PC

HP PR08 Notebook Battery

- HP ProBook 4730s and 4740s Notebook PC

HP CC09 Notebook Battery

- HP ProBook 6360t Mobile Thin Client
- HP ProBook 6360b, 6460b, 6470b, 6465b, 6475b, 6560b, 6570b and 6565b Notebook PCs
- HP EliteBook 8460p, 8470p, 8560p and 8570p Notebook PCs, 8460w and 8470w Mobile Workstations

HP SX09 Notebook Battery

- HP EliteBook 2560p and 2570p Notebook PC

HP OA04 Notebook Battery

- HP 240 G2, HP 245 G2, HP 250 G2, HP 255 G2 and HP 245 G3

HP LA04 Notebook Battery

- 340 G1, 248 G1, 350 G1, 345 G1, 350 G2 and 355 G1

HP KP06 Notebook Battery

- HP 210 G1 and 215 G1

HP HS04 Notebook Battery

- HP 240, 245, 250, 255 G4 Notebook PC

HP R004 Notebook Battery

- HP 430 G3, 440 G3 Notebook PC

HP RI04 Notebook Battery

- HP 450 G3, 470 G3 Notebook PC

Overview

HP Long Life Notebook Batteries

Battery

Compatible HP Business Notebook

HP DB06XL Long Life Notebook Battery

- HP ProBook 11 EE

HP CA06XL Long Life Notebook Battery

- HP ProBook 640 G1, 645 G1, 655 G1 and 650 G1 Notebook PC

HP CM03XL Long Life Notebook Battery

- HP EliteBook 745 G2, 755 G2, 840, 850 G1 and HP ZBook 14 Mobile Workstation

HP C006XL Long Life Notebook Battery

- HP EliteBook 840 G1 Notebook PC and HP ZBook 14 Mobile Workstation

HP AR08XL Long Life Notebook Battery

- HP ZBook 15 and 17 Mobile Workstations

HP SB03XL Long Life Notebook Battery

- HP EliteBook 725 G2 and 820 G1 Notebook PC

HP BT04XL Long Life Notebook Battery

- HP EliteBook Folio 9470m Notebook PC

HP BA06XL Long Life Notebook Battery

- HP EliteBook Folio 9470m Notebook PC

HP RC06XL Long Life Notebook Battery

- HP ProBook 4340s and 4341s Notebook PCs

MU06XL Long Life Notebook Battery

- HP ProBook 430, 431, 435, 436, 630, 631, 635 and 636 Notebook PCs

HP OD06XL Long Life Notebook Battery

- HP EliteBook Revolve

HP CC06XL Long Life Notebook Battery

- HP ProBook 6360t Mobile Thin Client
- HP ProBook 6360b, 6460b, 6470b, 6465b, 6475b, 6560b, 6570b and 6565b Notebook PCs
- HP EliteBook 8460p, 8470p and 8560p and 8570p Notebook PCs, 8460w and 8470w Mobile Workstations

HP SX06XL Long Life Notebook Battery

- HP EliteBook 2560p and 2570p Notebook PCs

HP VH08XL Long Life Notebook Battery

- HP EliteBook 8560w, 8570w, 8760w and 8770w Mobile Workstations

HP VI04XL Notebook Battery

- HP ProBook 440 G2, 445 G2, 450 G2 and 455 G2

HP R006XL Long Life Notebook Battery

- HP 430 G3, 440 G3 Notebook PC

HP RI06XL Long Life Notebook Battery

- HP 450 G3, 470 G3 Notebook PC

HP CS03XL Rechargeable Battery

- HP 745, 755, 840 and 850 G3 Notebook PCs

HP CI03XL Rechargeable Battery

- HP 640 and 650 G2 Notebook PCs

Overview

HP SNOXL Rechargeable Battery

- HP 725 G3 and 820 G3 Notebook PCs

HP AA06XL Rechargeable Battery

- HP ZBook 17 G3 and ZBook 17 G4 Mobile Workstations

HP Extended Life and Ultra Extended Life Notebook Batteries

Battery

Compatible HP Business Notebook

HP ST09 Extended Life Notebook Battery

- HP ProBook 6360t Mobile Thin Client
- HP ProBook 6360b, 6460b, 6470b, 6465b, 6475b, 6560b, 6570b and 6565b Notebook PCs
- HP EliteBook 8460p, 8470p, 8560p and 8570p Notebook PCs and 8460w, 8470w, 8560w, 8570w, 8760w and 8770w Mobile Workstations, ZBook 15, ZBook 17

HP BB09 Ultra Extended Life Notebook Battery

- HP ProBook 6360t Mobile Thin Client
- HP ProBook 6360b, 6460b, 6470b, 6465b, 6475b, 6560b, 6570b and 6565b Notebook PCs
- HP EliteBook 8460p, 8470p, 8560p and 8570p Notebook PCs and 8460w, 8470w, 8560w, 8570w, 8760w and 8770w Mobile Workstations, ZBook 15, ZBook 17

Naming Convention

The batteries will use the following naming convention for easy identification and notebook platform compatibility:

CC	06	XL	Ultra	Extended	Long Life
Manufacturer code (marked on the original battery)	Cell count: 04 = 4 cell 06 = 6 cell 08 = 8 cell 09 = 9 cell	XL = long life Blank = standard life	Blank = standard life Ultra = max capacity travel battery	Blank = Primary Extended = secondary or "travel"	Long Life = three- year warranty (select models) Blank = one-year warranty

Technical Specifications

HP Notebook Batteries

Product	HP CA09 Notebook Battery
Product Number	E7U22AA
Weight	1.1lb, (.488kg)
Dimensions (H x W x L)	0.8 x 2.4 x 8.1in (2 x 6.6 x 20.5cm)
Cell Type	Lithium-Ion
Energy	
Voltage	11.25V
Amp-hour capacity	8.85Ah
Watt-hour capacity	100Wh
Temperature	
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 122° F (-10° to 50° C)
Non-operating	-4° to 122° F (-20° to 50° C)
Battery Recharge Time	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)
System in OFF or Standby Mode	3.5 to 5 hours
System ON	4 to 7 hours
Fuel Gauge LED	No
Warranty	One year

Product	HP FP06 Notebook Battery
Product Number	H6L26AA
Weight	0.65 lb (0.295 kg)
Dimensions (H x W x L)	0.7722 x 1.753 x 10.57 in (1.98 x 4.462 x 26.9 cm)
Cell Type	Lithium-Ion
Energy	
Voltage	10.8 V
Amp-hour capacity	4400 mAh
Watt-hour capacity	47 Wh
Temperature	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 122° F (-10° to 50° C)
Non-operating	-4° to 122° F (-20° to 50° C)
Battery Recharge Time	
System in OFF or Standby Mode	2.5 hours
System ON	3 to 5 hours
Fuel Gauge LED	No

Technical Specifications

Integrated AC Power port	No
Optional Travel Battery Available	No
Warranty	One year

Product	HP M106 Notebook Battery	HP PR08 Notebook Battery	HP CC09 Notebook Battery	HP SX09 Notebook Battery
Product Number	H4A44AA	QK647AA	QK643AA	QK645AA
Weight	.82 lb (.370 kg)	.94 lb (.423 kg)	1.1lb (.488 kg)	1.06 lb (.475 kg)
Dimensions (H x W x L)	0.59 x 2.2 x 8.7 in (1.5 x 5.7x 22 cm)	0.8 x 2.0 x 10.4 in (2 x 5 x 26.5 cm)	0.8 x 2.4 x 8.1in (2 x 6.6 x 20.5 cm)	1.6 x 2.0 x 8.1 in (4 x 5 x 20.5 cm)
Cell Type	Lithium-Ion	Lithium-Ion	Lithium-Ion	Lithium-Ion
Energy				
Voltage	11.1 V	14.4 V	11.25 V	11.25 V
Amp-hour capacity	4.4 Ah	5.1 Ah	8.85 Ah	8.85 Ah
Watt-hour capacity	48 Wh	73 Wh	100 Wh	100 Wh
Temperature				
Operating (charging)	32° to 113° F (0° to 45° C)			
Operating (discharging)	14° to 140° F(–10° to 60° C)			
Non-operating	–4° to 140° F (–20° to 60° C)			
Battery Recharge Time	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)			
System in OFF or Standby Mode	2.5 hours	2.5 hours	3.5 to 5 hours	3.5 to 5 hours
System ON	3 to 5 hours	3 to 5 hours	4 to 7 hours	4 to 7 hours
Fuel Gauge LED	No	No	No	Yes
Integrated AC Power port	No	No	No	No
Optional Travel Battery Available	No	No	Yes	No
Warranty	One year	One year	One year	One year

Product	HP OA04 Battery	HP LA04 Battery
Product Number	J1U99AA/UT/ET	J1V00AA/UT/ET
Weight	0.22kg(0.498lbs)	0.23kg(0.506lbs);
Dimensions (W x L x H)	269*44.4*19.8mm(10.5*1.7*0.8inch)	274*36.78*21.35mm(10.79*1.45*0.84 inch)
Cell Type	4Cells lithium-ion	4Cells lithium-ion
Energy		
Voltage	14.8V	14.8V
Amp-hour capacity	2620mAh	2620mAh
Watt-hour	41 Whr	41 Whr

Technical Specifications

capacity		
Temperature		
Operating (charging)	0 ~45 °C	
Operating (discharging)	0 ~45 °C	
Non-operating	0 ~45 °C	
Battery Recharge Time		
System in OFF or Standby Mode	2.1hr	2.1hr
System ON	2.5hr	2.5hr
Fuel Gauge LED	None	None
Integrated AC Power port	None	None
Optional Travel Battery Available		
Warranty	one year	one year
Kit Contents	Battery, Warranty card, Product notices	Battery, Warranty card, Product notices

Product	HP KP06 Battery	
Product Number	J6U77AA/UT/ET	
Weight	0.335+/-0.01 kg(0.74+/-0.02 lbs)	
Dimensions (H x W x L)	213.9 * 50.71 * 37.7 mm(8.42* 1.99 * 1.48inch)	
Cell Type	6Cells lithium-ion	
Energy		
Voltage	11.25V	
Amp-hour capacity	3000mAh	
Watt-hour capacity	66 Whr	
Temperature		
Operating (charging)	°C	
Operating (discharging)	°C	
Non-operating	°C	
Battery Recharge Time		
System in OFF or Standby Mode	2.1hr	
System ON	2.5hr	
Fuel Gauge LED	None	
Integrated AC Power port	None	
Optional Travel Battery		

Technical Specifications

Available	
Warranty	one year
Kit Contents	Battery, Warranty card, Product notices

Product	HP HS04 Notebook Battery	
Product Number	M2Q95AA	
Weight	225 g-(0.49 lb)	
Dimensions (H x W x L)	273 X 34.72 X 20.8 mm (10.74 x 1.36 x 0.81 in)	
Cell Type	INR18650 C4	
Energy	10.4W	
Voltage	14.6V	
Amp-hour capacity	2.85Ah	
Watt-hour capacity	41Wh	
Temperature		
Operating (charging)	0°C~45°C	
Operating (discharging)	-10°C~60°C	
Non-operating	-20~60°C	
Battery Recharge Time		
System in OFF or Standby Mode	TBD	
System ON	TBD	
Fuel Gauge LED	N/A	
Integrated AC Power port	TBD	
Warranty	One year	
Kit Contents	Battery, Warranty card, Product notices	

Product	HP R004 Notebook Battery	
Product Number	P3G13AA	
Weight	0.72lb (0.32 kg)	
Dimensions (H x W x L)	1.38 x 10.91 x 0.85 in (3.49 x 27.72 x 2.16 cm)	
Cell Type	4 cell Lithium-Ion	
Energy		
Voltage	14.8V	
Amp-hour capacity	3.0Ah	
Watt-hour	44Wh	

Technical Specifications

capacity	
Temperature	
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 122° F (-10° to 60° C)
Non-operating	-4° to 122° F (-20° to 60° C)
Battery Recharge Time	
System in OFF or Standby Mode	<3 hours
Fuel Gauge LED	No
Warranty	One year
Optional Travel Battery Available	No

Product	HP RI04 Notebook Battery
Product Number	P3G15AA
Weight	0.66 lb (0.3 kg)
Dimensions (H x W x L)	1.32 x 10.86 x 0.81 in (3.34 x 27.58 x 2.06 cm)
Cell Type	4 cell Lithium-Ion
Energy	
Voltage	14.8V
Amp-hour capacity	3.0Ah
Watt-hour capacity	44Wh
Temperature	
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 122° F (-10° to 60° C)
Non-operating	-4° to 122° F (-20° to 60° C)
Battery Recharge Time	
System in OFF or Standby Mode	<3 hours
Fuel Gauge LED	No
Warranty	One year
Optional Travel Battery Available	No

HP Long Life Notebook Batteries

Product	HP DB06XL Long Life Notebook Battery
Product Number	796931-141, 796931-121

Technical Specifications

Weight	348g+/-10g
Dimensions (H x W x L)	37.22 x 49.77 x 216.56mm
Cell Type	SDI ICR18650-32A LGC 18650E1(Express Charge)
Energy	
Voltage	11.1V
Amp-hour capacity	Typical 5.8Ah Mini 5.6Ah
Watt-hour capacity	Typical 64Wh Mini 62Wh
Temperature	
Operating (charging)	0°C~ 45°C
Operating (discharging)	-10°C~ 60°C
Non-operating	1 year: -20~20°C 3 months: -20~45°C 1 month: -20~60 °C
Battery Recharge Time	TBD
System in OFF or Standby Mode	TBD
System ON	TBD
Fuel Gauge LED	No
Warranty	3 years

Product	HP CA06XL Long Life Notebook Battery
Product Number	E7U21AA
Weight	.70lb, (.313kg)
Dimensions (H x W x L)	0.8 x 1.8 x 8.0in (2.0 x 4.7 x 20.5cm)
Cell Type	Lithium-Ion
Energy	
Voltage	10.8V
Amp-hour capacity	5.1Ah
Watt-hour capacity	55Wh
Temperature	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 122° F(-10° to 50° C)
Non-operating	-4° to 122° F (-20° to 50° C)
Battery Recharge Time	
System in OFF or Standby Mode	2.5 hours
System ON	3 to 5 hours
Fuel Gauge LED	No
Warranty	Three Years

Technical Specifications

Product	HP CM03XL Long Life Notebook Battery	HP C006XL Long Life Notebook Battery
Product Number	E7U24AA	E7U23AA
Weight	.13 lb (.28kg)	.27 lb (.60 kg)
Dimensions (H x W x L)	.33 x 4.05 x 7.83 in .84 x 10.28 x 19.89 cm	.59 x 8.60 x 12.60 in 1.51 x 21.85 x 32.00 cm
Cell Type	Lithium-Ion Polymer	Lithium-Ion Polymer
Energy		
Voltage	11.1V	11.1V
Amp-hour capacity	4.504Ah	5.4Ah
Watt-hour capacity	50Wh	60Wh
Temperature		
Operating (charging)	32° to 113° F (0° to 45° C)	
Operating (discharging)	114° to 122° F (-10° to 60° C)	
Non-operating	-4° to 122° F (-20° to 60° C)	
Battery Recharge Time		
System in OFF or Standby Mode		
System ON		
Fuel Gauge LED	No	Yes
Integrated AC Power port		
Optional Travel Battery Available	No	Yes
Warranty	Three years	Three years
Kit Contents		Battery and 4.5mm-7.4 mm power dongle

HP Long Life Notebook Batteries (continued)

Product	HP AR08XL Long Life Notebook Battery	HP SB03XL Long Life Notebook Battery
Product Number	E7U26AA	E7U25AA
Weight	.19 lb (.43 kg)	.11 lb (.25 kg)
Dimensions (H x W x L)	0.89 x 2.17 x 10.7 in (2.25 x 5.52 x 27.19 cm)	.51 x 3.85 x 7.47 in (1.29 x 9.78 x 18.97 cm)
Cell Type	Lithium-Ion	Lithium-Ion Polymer
Energy		
Voltage	14.4 V	11.1V
Amp-hour capacity	5.2 Ah	4.15Ah
Watt-hour capacity	75 Wh	46Wh
Temperature		
Operating (charging)	32° to 113° F (0° to 45° C)	
Operating (discharging)	14° to 140° F (-10° to 60° C)	

Technical Specifications

Non-operating	-4° to 140° F (-20° to 60° C)	
Battery Recharge Time	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)	
System in OFF or Standby Mode		
System ON		
Fuel Gauge LED	No	No
Integrated AC Power port		
Optional Travel Battery Available	No	No
Warranty	Three years	Three years

Product	HP BT04XL Long Life Notebook Battery	HP BA06XL Long Life Notebook Battery	HP RC06XL Long Life Notebook Battery
Product Number	H4Q47AA	H4Q48AA	H4Q46AA
Weight	.74 lb (.335 kg)	1.7 lb (.78 kg)	.71 lb (.323 kg)
Dimensions (H x W x L)	0.31 x 5.2 x 8.2 in (0.8 x 13.3 x 20.7 cm)	0.28 x 12.6 x 8.4 in (0.7 x 32 x 21.3 cm)	0.8 x 1.8 x 8.0 in (2.0 x 4.7 x 20.5 cm)
Cell Type	Lithium-Ion	Lithium-Ion	Lithium-Ion
Energy			
Voltage	14.8 V	11.1V	10.8 V
Amp-hour capacity	3.52 Ah	2.7 Ah	4.8 Ah
Watt-hour capacity	52 Wh	60 Wh	51 Wh
Temperature	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)		
Operating (charging)	32° to 113° F (0° to 45° C)		
Operating (discharging)	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	3.5 to 5 hours	2.5 hours
System ON	3 to 5 hours	4 to 7 hours	3 to 5 hours
Fuel Gauge LED	No	No	No
Integrated AC Power port	No	No	No
Optional Travel Battery Available	No	No	Yes
Warranty	Three years	Three years	Three years

Product	HP MU06XL Long Life Notebook Battery	HP OD06XL Long Life Notebook Battery
Product Number	H0F74AA	H6L25AA
Weight	.71 lb (.320 kg)	.68 lb (.310 kg)
Dimensions (H x W x L)	0.8 x 2.0 x 8.1 in (2 x 5 x 20.5 cm)	1.11 x 28.1 x 10.3 cm
Cell Type	Lithium-Ion	Polymer
Energy		

Technical Specifications

Voltage	10.8 V	11.1 V
Amp-hour capacity	5.1 Ah	4.0 Ah
Watt-hour capacity	55 Wh	44 Wh
Temperature		
Operating (charging)	32° to 113° F (0° to 45° C)	32° to 113° F (0° to 45° C)
Operating (discharging)	14° to 140° F (–10° to 60° C)	14° to 122° F (–10° to 50° C)
Non-operating	–4° to 140° F (–20° to 60° C)	–4° to 122° F (–20° to 50° C)
Battery Recharge Time		
System in OFF or Standby Mode	2.5 hours	2.5 hours
System ON	3 to 5 hours	3 to 5 hours
Fuel Gauge LED	Yes	No
Integrated AC Power port	No	No
Optional Travel Battery Available	No	No
Warranty	Three years	Three years

HP Long Life Notebook Batteries (continued)

Product	HP CC06XL Long Life Notebook Battery	HP SX06XL Long Life Notebook Battery	HP VH08XL Long Life Notebook Battery
Product Number	QK642AA	QK644AA	QK641AA
Weight	.72 lb (.323 kg)	.71 lb (.323 kg)	99 lb (.442 kg)
Dimensions (H x W x L)	0.8 x 1.8 x 8.0 in (2.0 x 4.7 x 20.5 cm)	0.8 x 2.0 x 8.1 in (2 x 5 x 20.5 cm)	0.8 x 2.1 x 10.6 in (2 x 5.3 x 27 cm)
Cell Type	Lithium-Ion	Lithium-Ion	Lithium-Ion
Energy			
Voltage	10.8 V	10.8 V	14.4 V
Amp-hour capacity	5.1 Ah	5.1 Ah	5.1 Ah
Watt-hour capacity	55 Wh	55Wh	75 Wh
Temperature			
Operating (charging)	32° to 113° F (0° to 45° C)		
Operating (discharging)	14° to 140° F (–10° to 60° C)		
Non-operating	–4° to 140° F (–20° to 60° C)		
Battery Recharge Time	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)		
System in OFF or Standby Mode	2.5 hours	2.5 hours	2.5 hours
System ON	3 to 5 hours	3 to 5 hours	3 to 5 hours
Fuel Gauge LED	No	Yes	No
Integrated AC Power	No	No	No

Technical Specifications

port			
Optional Travel Battery Available	No	Yes	Yes
Warranty	Three year	Three year	Three year

Product	HP V104XL Battery
Product Number	J6U78AA/UT/ET
Weight	0.226kg(0.499lbs)
Dimensions (H x W x L)	20.78 * 32.42 * 274.8 mm(0.82 * 1.28 * 10.82inch)
Cell Type	4Cells lithium-ion
Energy	
Voltage	14.8V
Amp-hour capacity	3000mAh
Watt-hour capacity	40 Whr
Temperature	
Operating (charging)	°C
Operating (discharging)	°C
Non-operating	°C
Battery Recharge Time	
System in OFF or Standby Mode	2.1hr
System ON	2.5hr
Fuel Gauge LED	None
Integrated AC Power port	None
Optional Travel Battery Available	
Warranty	three years
Kit Contents	Battery, Warranty card, Product notices

Product	HP R006XL Long Life Notebook Battery
Product Number	P3G14AA
Weight	.75 lb (.34 kg)
Dimensions (H x W x L)	1.38 x 1.95 x 10.91 in (3.53 x 4.95 x 27.72 cm)
Cell Type	6-cell lithium-ion
Energy	
Voltage	10.68V

Technical Specifications

Amp-hour capacity	5.15Ah
Watt-hour capacity	55Wh
Temperature	
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	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	3 hours
System ON	3 to 5 hours
Fuel Gauge LED	N/A
Warranty	Three years
Optional Travel Battery Available	No

Product	HP RI06XL Long Life Notebook Battery
Product Number	P3G16AA
Weight	.73 lb (.33 kg)
Dimensions (H x W x L)	1.79 x 10.56 x 1.33 in (4.55 x 27.58 x 3.38 cm)
Cell Type	6-cell lithium-ion
Energy	
Voltage	10.68V
Amp-hour capacity	5.15Ah
Watt-hour capacity	55Wh
Temperature	
Operating (charging)	32° to 113° F (0° to 45° C)
Operating (discharging)	14 to 140° F (-10° to 60° C)
Non-operating	
Battery Recharge Time	-4° to 140° F (-20° to 60° C)
System in OFF or Standby Mode	3 hours
System ON	3 -5 hours
Fuel Gauge LED	N/A
Warranty	Three years
Optional Travel Battery Available	No

Technical Specifications

Product	HP C103XL Rechargeable Battery	HP C503XL Rechargeable Battery	HP S103XL Rechargeable Battery
Product Number	T7B31AA	T7B32AA	T7B33AA
Weight	0.539 lb (0.245 kg)	0.48 lb (.217kg)	0.47 lb (0.2213 kg)
Dimensions (H x W x L)	0.59 x 3.18 x 6.68 in (15.05 x 81.00 x 169.70 mm)	0.27 x 7.8 x 4.05 in (6.8mm x 198.1 x 102.9mm)	0.16 x 4.7 x 6.3 in (6.80 x 119.55 x 160.25 mm)
Cell Type	3 cell Lithium-Ion	3 cell Lithium-Ion	3 cell Lithium-Ion
Energy			
Voltage	11.4V	11.4V	11.4V
Amp-hour capacity	4.21Ah	4.08Ah	3.91 Ah
Watt-hour capacity	48 Whr	46.5Whr	44.5 WHr
Temperature			
Operating (charging)	0~45°C		
Operating (discharging)	-10~60°C		
Non-operating			
Battery Recharge Time			
System in OFF or Standby Mode	System off within 3 hours	System off within 3 hours	System off within 3 hours
System ON	System on need system side EE/Power to confirm		
Fuel Gauge LED	N/A	N/A	N/A
Integrated AC Power port	N/A	N/A	N/A
Optional Travel Battery Available	N/A	N/A	N/A
Warranty	3 years	3 years	3 years

Product	HP AA060XL Rechargeable Battery
Product Number	Z3R03AA
Weight	0.47kg
Dimensions (H x W x L)	17.4 x 109.55x 185.55mm (0.69 x 4.31 x 7.31inch
Cell Type	Li-ion
Energy	
Voltage	11.4Vdc
Amp-hour capacity	8420mAh
Watt-hour capacity	96Wh
Temperature	
Operating (charging)	0 ~ 45degC

Technical Specifications

Operating (discharging)	-10 ~ 60degC
Non-operating	
Battery Recharge Time	
System in OFF or Standby Mode	3 Hr
System ON	Need check with system side EE.
Fuel Gauge LED	No
Warranty	3 year

HP Extended Life and Ultra Extended Life Notebook Batteries

Product	HP ST09 Extended Life Notebook Battery	HP BB09 Ultra Extended Life Notebook Battery
Product Number	QK639AA	QK640AA
Weight	1.2 lb (.550 kg)	1.5 lb (.682 kg)
Dimensions (H x W x L)	1.2 x 6.1 x 12 in (3 x 15.5 x 30.5 cm)	1.2 x 5.9 x 11.4 in (3 x 15 x 29 cm)
Cell Type	Lithium-Ion Polymer	Lithium-Ion
Energy		
Voltage	11.1 V	11.25 V
Amp-hour capacity	6.6 Ah	8.85 Ah
Watt-hour capacity	73 Wh	100 Wh
Temperature		
Operating (charging)	32° to 113° F (0° to 45° C)	

Technical Specifications

Operating (discharging)	14° to 140° F (–10° to 60° C)	
Non-operating	–4° to 140° F (–20° to 60° C)	
Battery Recharge Time	Fast charge to 90% within 90 minutes, last 10% at trickle charge, (trickle time varies by notebook)	
System in OFF or Standby Mode	3.5 to 5 hours	3.5 to 5 hours
System ON	4 to 7 hours	4 to 7 hours
Fuel Gauge LED	Yes	Yes
Integrated AC Power port	No	Yes
Optional Travel Battery Available	No	No
Warranty	One year	One year

For Battery time running on Windows 10

Windows 10/MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.

Spares Information

HP DB06XL Long Life Notebook Battery	797430-001
HP CA09 Notebook Battery	718757-001
HP FP06 Notebook Battery	708457-001
HP FP09 Notebook Battery	708458-001
HP RA04 Notebook Battery	708459-001
HP FN04 Notebook Battery	635146-001
HP JN04 Notebook Battery	633801-001
HP JN06 Notebook Battery	633803-001
HP PR06 Notebook Battery	633805-001
HP MI06 Notebook Battery	685988-001
HP PR06 Notebook Battery	633805-001
HP PR08 Notebook Battery	633807-001
HP CC09 Notebook Battery	631243-001
HP SX09 Notebook Battery	632423-001
HP OA04 Notebook Battery	740715-001
HP LA04 Notebook Battery	728460-001
HP KP06 Notebook Battery	760604-001
HP CA06XL Long Life Notebook Battery	760604-001
HP HS04 Notebook Battery	807957-001
HP CM03XL Long Life Notebook Battery	717376-001
HP CO06XL Long Life Notebook Battery	719796-001
HP AR08XL Long Life Notebook Battery	708455-001
HP SB03XL Long Life Notebook Battery	717378-001
HP BT04XL Long Life Notebook Battery	687945-001
HP BA06XL Long Life Notebook Battery	696621-001
HP RC06XL Long Life Notebook Battery	669831-001
HP MU06XL Long Life Notebook Battery	593555-001
HP OD06XL Long Life Notebook Battery	698943-001

Technical Specifications

HP CC06XL Long Life Notebook Battery	628670-001
HP SX06XL Long Life Notebook Battery	632419-001
HP VH08XL Long Life Notebook Battery	632425-001
HP VI04XL Long Life Notebook Battery	756746-001
HP ST09 Extended Life Notebook Battery	634089-001
HP BB09 Ultra Extended Life Notebook Battery	634087-001

Service and Support

The warranty period for HP Business Notebook batteries is one or three years (see table for specific product warranty), 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.

Technical Specifications

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Summary of changes

Date of change:	Version 1 to 2		Description of change:
May 8, 2014	v 27	Added	New batteries specs 0A04, LA04, VI04XL and KP06
June 27, 2014	V28	Changed	Order of some specs, removed long life from KP06 and 700 Series to compatibility section
July 1, 2014	V29	Updated	Updated TBD in spare parts to part numbers
February 8, 2015	V29 to V30	Added	HP DB06XL Long Life Notebook Battery
March 10, 2015	V30 to V31	Added	New HS04 Notebook Battery (200 Series Battery)
September 25, 2015	V31 to V32	Added	New batteries part numbers P3G13AA, P3G14AA, P3G15AA, and P3G16AA
		Removed	HP FP09 Notebook Battery H6L27AA Removed Windows 7 and Windows 8.1 battery footnote and added Windows 10 footnote
March 16, 2016	V32 to V33	Added	Three new batteries and specs: HP CS03XL Rechargeable Battery T7B32AA HP CI03XL Rechargeable Battery T7B31AA HP SN03XL Rechargeable Battery T7B33AA
October 18, 2016	V33 to V34	Added	HP AA060XL Rechargeable Battery Z3R03AA It was added its Specs and Compatibility as well