

Overview

HP 2011 Business Notebook Battery Solutions

Models

| | |
|--|---------|
| HP FN04 Notebook Battery | QK648AA |
| HP JN04 Notebook Battery | QK650AA |
| HP JN06 Notebook Battery | QK651AA |
| HP PR06 Notebook Battery | QK646AA |
| HP GB06 Notebook Battery | XQ504AA |
| HP PR08 Notebook Battery | QK647AA |
| HP CC09 Notebook Battery | QK643AA |
| HPSX09 Notebook Battery | QK645AA |
| HP CC06XL Long Life Notebook Battery | QK642AA |
| HP SX06XL Long Life Notebook Battery | QK644AA |
| HP VH08XL Long Life Notebook Battery | QK641AA |
| HP ST09 Extended Life Notebook Battery | QK639AA |
| HP BB09 Ultra Extended Life Notebook Battery | QK640AA |

Compatibility

Please note that these batteries are only compatible with HP Business Notebooks that launch in February 2011 or later. If you need a battery for a 2010 or prior HP Business Notebook, please refer to the "HP Business Notebook Battery Solutions" QuickSpecs at <http://h18006.www1.hp.com/products/quickspecs/Division/Division.html#10751>.

NOTE: Not all models are available in all regions.

HP Notebook Batteries

| Product | HP FN04 Notebook Battery | HP JN04 Notebook Battery | HP JN06 Notebook Battery | HP PR06 Notebook Battery | HP GB06 Notebook Battery |
|-----------------------------|--|--|--|---|--|
| Compatible Notebooks | <ul style="list-style-type: none"> HP ProBook 5330m Notebook PC | <ul style="list-style-type: none"> HP ProBook 4230s Notebook PC | <ul style="list-style-type: none"> HP ProBook 4230s Notebook PC | <ul style="list-style-type: none"> HP ProBook 4430s, 4431s, and 4530s Notebook PCs | <ul style="list-style-type: none"> HP 3105m Notebook PC |

| Product | HP PR08 Notebook Battery | HP CC09 Notebook Battery | HP SX09 Notebook Battery |
|-----------------------------|--|---|--|
| Compatible Notebooks | <ul style="list-style-type: none"> HP ProBook 4730s Notebook PC | <ul style="list-style-type: none"> HP ProBook 6360b, 6460b, and 6560b Notebook PCs HP EliteBook 8460p and 8560p Notebook PCs and 8460w Mobile Workstation | <ul style="list-style-type: none"> HP EliteBook 2560p Notebook PC |

HP Long Life, Extended Long Life, and Ultra Extended Long Life Notebook Batteries

| Product | HP CC06XL Long Life Notebook Battery | HP SX06XL Long Life Notebook Battery | HP VH08XL Long Life Notebook Battery | HP ST09 Extended Life Notebook Battery | HP BB09 Ultra Extended Life Notebook Battery |
|-----------------------------|---|--|--|---|---|
| Compatible Notebooks | <ul style="list-style-type: none"> HP ProBook 6360b, | <ul style="list-style-type: none"> HP EliteBook | <ul style="list-style-type: none"> HP EliteBook | <ul style="list-style-type: none"> HP ProBook 6360b, | <ul style="list-style-type: none"> HP ProBook 6360b, |

| | | | | |
|--|-------------------------|--|---|---|
| 6460b, and 6560b Notebook PCs | 2560p Notebook PC | 8560w and 8760w Mobile Workstations | 6460b, and 6560b Notebook PCs | 6460b, and 6560b Notebook PCs |
| • HP EliteBook 8460p and 8560p Notebook PCs and 8460w Mobile Workstation | | | • HP EliteBook 8460p and 8560p Notebook PCs and 8460w, 8560w, and 8760w Mobile Workstations | • HP EliteBook 8460p and 8560p Notebook PCs and 8460w, 8560w, and 8760w Mobile Workstations |

Naming Convention

The 2011 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: 03 = 3 cell* 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 Blank = one-year warranty |

*Available later in 2011

contents

[Overview](#) [Technical Specifications](#)

Technical Specifications

HP Notebook Batteries

| Product | HP FN04 Notebook Battery | HP JN04 Notebook Battery | HP JN06 Notebook Battery | HP PR06 Notebook Battery | HP GB06 Notebook Battery |
|--|--|---|---|---|---|
| Product Number | QK648AA | QK650AA | QK651AA | QK646AA | XQ504AA |
| Weight | 0.64 lb (.287 kg) | .50 lb (.226 kg) | .72 lb (.323 kg) | .70 lb (.312 kg) | .73 lb (.333 kg) |
| Dimensions (H x W x L) | 0.4 x 3.8 x 8.6 in (0.8 x 9.5 x 21.8 cm) | 0.8 x 2.0 x 8.1 in (2 x 5 x 20.5 cm) | 0.8 x 2.0 x 8.1 in (2 x 5 x 20.5 cm) | 0.8 x 1.8 x 10.4 in (2 x 4.5 x 26.5 cm) | 0.9 x 2.5 x 8.1in (2.5 x 6.0 x 20.5 cm) |
| Cell Type | Lithium-Ion Polymer | Lithium-Ion | Lithium-Ion | Lithium-Ion | Lithium-Ion |
| Energy | | | | | |
| Voltage | 14.8 V | 14.8 V | 11.1 V | 10.8 V | 10.8 V |
| Amp-hour capacity | 2.8 Ah | 2.8 Ah | 5.6 Ah | 4.4 Ah | 5.1 Ah |
| Watt-hour capacity | 41 Wh | 41 Wh | 62 Wh | 47 Wh | 55 Wh |
| 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 | | | | | |
| System in OFF or Standby Mode | 3 hours | 2.5 hours | 2.5 hours | 2.5 hours | 2.5 hours |
| System ON | 3 to 5 hours | 3 to 5 hours | 3 to 5 hours | 3 to 5 hours | 3 to 5 hours |
| Fuel Gauge LED | No | No | No | No | No |

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

HP Notebook Batteries

| Product | HP PR08 Notebook Battery | HP CC09 Notebook Battery | HP SX09 Notebook Battery |
|-----------------------------------|--|--|---|
| Product Number | QK647AA | QK643AA | QK645AA |
| Weight | .94 lb (.423 kg) | 1.1lb (.488 kg) | 1.06 lb (.475 kg) |
| Dimensions (H x W x L) | 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 |
| Energy | | | |
| Voltage | 14.4 V | 11.25 V | 11.25 V |
| Amp-hour capacity | 5.1 Ah | 8.85 Ah | 8.85 Ah |
| Watt-hour capacity | 73 Wh | 100 Wh | 100 Wh |
| 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 | | | |
| System in OFF or Standby Mode | 2.5 hours | 3.5 to 5 hours | 3.5 to 5 hours |
| System ON | 3 to 5 hours | 4 to 7 hours | 4 to 7 hours |
| Fuel Gauge LED | No | No | Yes |
| Integrated AC Power port | No | No | No |
| Optional Travel Battery Available | No | Yes | No |
| Warranty | One year | One year | One year |

HP Long Life, Extended Life, and Ultra Extended Life Notebook Batteries

| Product | HP CC06XL Long Life Notebook Battery | HP SX06XL Long Life Notebook Battery | HP VH08XL Long Life Notebook Battery | HP ST09 Extended Life Notebook Battery | HP BB09 Ultra Extended Life Notebook Battery |
|------------------------|--|---|--|---|--|
| Product Number | QK642AA | QK644AA | QK641AA | QK639AA | QK640AA |
| Weight | .72 lb (.323 kg) | .71 lb (.320 kg) | .99 lb (.442 kg) | 1.2 lb (.550 kg) | 1.5 lb (.682 kg) |
| Dimensions (H x W x L) | 0.8 x 1.8 x 8.0in (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) | 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 | Lithium-Ion | Lithium-Ion | Lithium-Ion Polymer | Lithium-Ion |
| Energy | | | | | |
| Voltage | 10.8 V | 10.8 V | 14.4 V | 11.1 V | 11.25 V |
| Amp-hour capacity | 5.1 Ah | 5.1 Ah | 5.1 Ah | 6.6 Ah | 8.85 Ah |
| Watt-hour capacity | 55 Wh | 55 Wh | 75 Wh | 73 Wh | 100 Wh |
| 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 | | | | | |
| System in OFF or Standby Mode | 2.5 hours | 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 | 3 to 5 hours | 4 to 7 hours | 4 to 7 hours |
| Fuel Gauge LED | No | Yes | No | Yes | Yes |
| Integrated AC Power port | No | No | No | No | Yes |
| Optional Travel Battery Available | Yes | No | Yes | No | No |
| Warranty | Three years | Three years | Three years | One year | One year |

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.

Spares Information

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|--|------------|
| 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 GB06 Notebook Battery | 628419-001 |
| HP PR08 Notebook Battery | 633807-001 |
| HP CC09 Notebook Battery | 631243-001 |
| HP SX09 Notebook Battery | 632423-001 |
| 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 ST09 Extended Life Notebook Battery | 634089-001 |
| HP BB09 Ultra Extended Life Notebook Battery | 634087-001 |

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