



HP 90W Smart AC Adapter (G6H43AA)

Overview



Provide optimal power and help offset power fluctuations to your HP notebook with a HP 90W Smart AC Adapter. Now available with a new right-angled (90°) connector that reduces cable stress and an optional 4.5mm to 7.4mm conversion dongle. As a replacement or back-up adapter, be prepared with the right connection.

Controlled and efficient flow.

Operate with confidence with optimal performance using smart-pin technology and reduce the risk of power surges, while drawing only minimal power as needed.

The perfect right turn.

Tight access made convenient – the new right-angled (90°) 4.5mm connector allows for connecting in limited spaces and reduces cord bending providing better cable management and longevity.

Connection for today and yesterday.

Connection versatility with a specially designed dongle allowing for simple conversion from the new standard 4.5mm connector to HP predecessor notebooks with 7.4mm connectors.

Additional specifications

Cable length	180 cm (power cable); 100 cm (4.5 mm connector cable)
Cable length (imperial)	70.87 in (power cable); 39.37 in (4.5 mm connector cable)
Certifications and compliances	CE Mark; IEC 60950-1; EN 60950-1; UL 60950-1; UL 62368-1; SELV; C-UL-US; DENAN; EN 55022 Class B; FCC Class B; CISPR 32 Class B; CCC; NOM-1 NYCE; NORDICS; MTBF
Compatibility	HP Smart AC Adapters are compatible with all HP Business Notebooks and Tablet PCs NOTE: Not all models are available in all regions.
Connection type	4.5 mm barrel port
Connector description	4.5mm(F)-7.4mm(M) dongle
Hold-up time	5 ms at 115 VAC input
Input efficiency	89% min at 115 VAC/230 VAC at 20V/3.25A
Input frequency	47-63 Hz
Input operating current	1.5 A at 90 VAC max
Manufacturer Warranty	The warranty period for HP Business Notebook adapters 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.
Minimum System Requirements	4.5 mm AC jack
Minimum dimensions (W x D x H)	127 x 50 x 29 mm
Minimum dimensions (W x D x H)	5 x 1.97 x 1.1 in
Non-Operating Humidity Range	10 to 95% RH
Operating altitude	Up to 5,000 m
Operating altitude	Up to 16,400 ft
Operating humidity range	20 to 95% RH (non-condensing)
Operating temperature range	0 to 35°C
Operating temperature range	32 to 95°F
Output current limit	11 A max
Output power	90 W
Output voltages	19V
Over-voltage protection	20V: 29V
Package dimensions (W x D x H)	156 x 210 x 77 mm
Package dimensions (W x D x H)	6.14 x 8.27 x 3.03 in
Package weight	1.54 lb

Package weight	0.7 kg
Photo (product photo, jpg, 190x170)	Accessories/G6H43AA_190x170.jpg
Photo (product photo, jpg, 70x100)	Accessories/G6H43AA_70x100.jpg
Power Output	90 W
Power availability	90w
Quickspec	http://h18000.www1.hp.com/products/quickspecs/11881_na/11881_na.PDF
Quickspec	http://h18000.www1.hp.com/products/quickspecs/11881_div/11881_div.PDF
Storage temperature range	-4 to 185°F
Storage temperature range	-20 to 85°C
UNSPSC code	39121006
UPC number	(AB1) 888182770535; (AB2) 888182770498; (ABA) 888182770405; (ABB) 888182770443; (ABG) 888182770504; (ABJ) 888182770511; (ABL) 888182770436; (ABM) 888182770429; (ABT) 888182770450; (ABU) 888182770467; (ABZ) 888182770474; (AC4) 888182770412; (ACJ) 888182770542; (AKH) 889894647672; (UUF) 888182770528; (UUZ) 888182770481
Weight	370 g
Weight	0.82 lb
What's in the box	AC power adapter; 1 Power Cord; 4.5 mm to 7.4 mm conversion dongle; Warranty Card

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