

Overview

Models

f4813a

Introduction

Have power when you need it, where you need it, anytime – with an additional 90W ac adapter. Keep one on your desk, another at home – and one in your suitcase. Save your batteries for the road, you'll be ready to recharge them at your next stop.

Key Features

Input

- 100 to 240 VAC
- Efficiency 83% min at 115 VAC
- Input frequency range 47 to 63 Hz
- Input AC current 3.4A at 90 VAC, 1.69 A at 180 VAC

Output

- Output power 90W
- DC output 19.7V
- Hold-up time 5 msec at 115 VAC input, full load
- Output can be shorted without damage; auto recovery
- Over current protection: output current limit <6A
- Over voltage protection: 29V max automatic shutdown; possible AC reset within 2 mn

Connector

- AC input connector – dual-pin, mates with interchangeable cords for Worldwide operations
 - DC output connector – right angle, hollow coaxial plug.
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Compatibility

Designed for use with high-power and high- performance HP Notebook PCs (xe4400 and ze5000 series).

Service and Support

One-year, worldwide parts-and-labor limited warranty. 24x7 HP technical phone support during the warranty period

Specifications

Environmental	Operating temperature	32° to 104 ° F (0 to 40 ° C)
	Operating altitude	0 to 10,000 ft (0 to 3,048m) at 25° C ambient
	Storage temperature	-4° to 149 ° F (-20° to 65 ° C)
	Operating relative humidity	20% to 80%
	Storage relative humidity	10% to 90%
Dimensions	5.2 x 2.3 x 1.2 in (133 x 58 x 31 mm)	
DC cord length	70 in (1.8 m)	
Weight	0.893 lb (405 g)	
Regulatory/Safety	CE Mark: full compliance with LVD and EMC directives	
	Worldwide safety standards -- IEC950, EN60950, UL1950, Class2, SELV	
	Agency approvals: C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCIB, NOM-1 NYCE	
	MTBF – over 200,000 hours at 25°C ambient condition	

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