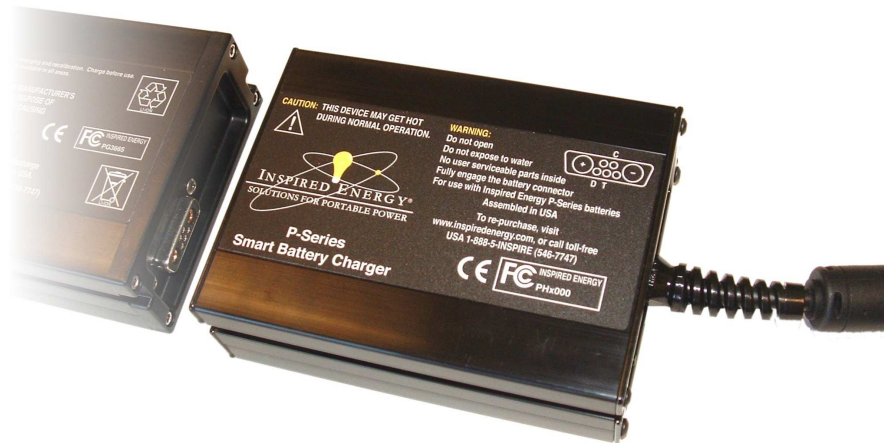


PH4000A/E/U Desktop Smart Charger Instructions



The PH4000 is a standalone desktop smart battery charger for use with Inspired Energy® brand “P”-series high power smart battery packs.

What’s in the box?

1. One PH4000 desktop charger with attached 36VDC power supply unit.
2. One US AC cable (PH4000A). European Chargers (PH4000E) are packed with a European 2-pin mains cord, UK Chargers (PH4000U) are packed with a UK 3-pin mains cord.

Safety

1. Do not expose the charger or power supply to water or conductive liquids.
2. Do not open the charger or power supply case. There are no user serviceable parts inside.
3. Do not cover the charger case, as this could cause overheating.
4. Place the charger in a cool spot, away from external heat sources

Setting up your Charger

Place the charger unit on a flat, level surface away from sources of heat and moisture. Plug the power supply into the AC supply using the cable supplied.

Charging

Connect the battery connector to the charger connector. The connector is fully seated when the charger and battery cases touch. The LEDs in the charger status window will provide status information as detailed below, and the charger will automatically begin to charge the battery. The LCD fuel gauge on the battery will also flash to indicate charging is in process.

LED Indication:

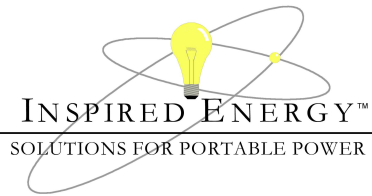
The status of the battery is indicated by the LEDs visible in the status window:

Green flashing:	Battery charging
Green solid:	Battery fully charged
Red solid:	Error

Recharge Time:

Different battery packs will require differing recharge times. The times given below are for a full charge from 0% to 100% state of charge.

Battery Chemistry	Battery Model	Typical Recharge Time
Li Ion	PG3665A29	3 hrs



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Compatibility

The PH4000 is fully compatible with all Inspired Energy® brand high power “P”-Series battery packs. For optimum results we recommend using only Inspired Energy® brand smart batteries.

PH4000 Specification Summary	
Weight:	850g / 1.9 lb
H x L x W	38mm x 115mm x 86.4mm / 1.50" x 4.53" x 3.40"
Mating Connector:	Amphenol L177TWA7W2S male connector shell with female signal pins Amphenol L17DM53744-1 40A female solder cup inserts (2 required) Amphenol L17DTZK15K optional protective backshell
Communications Compliances.	System Management Bus Rev 1.0, Smart Battery Data Specification rev 1.0 and Smart Battery Charger specification Rev 1.0 compliant
Power Supply	100-240VAC, 36V, 2.78A DC, 150x35x70mm, 600g /21oz UL listed, CE Compliant
AC Cord	PH5000A - 110V N. American 3-pin connector PH5000E - 220V European 2-pin connector with ground recess PH5000U - 240V UK 3-pin connector

