



MULTIPLE BAY BATTERY CHARGER FOR PANASONIC LAPTOP BATTERIES

The LIND Battery Charger is designed for charging the battery packs of Panasonic Toughbooks. The Battery Charger consists of up to five identical charging bays powered from a single power source. The wattage of the input adapter must be selected to match the requirements of the Battery Charger. Use the Compatibility Table (see inside front page) to determine the correct AC power adapter to use if it has not been provided with the Battery Charger.



CAUTION

Before using the Lind Battery Charger, read these operating instructions:

- Install or remove the battery on a flat stable surface.
- Remove the battery before transporting the Battery Charger. The battery pack may fall out while the charger is being carried.
- Do not touch the Battery Charger connectors as it can damage or transfer dust to the connectors and cause malfunction.
- Do not use an AC power adapter other than the one included with the Battery Charger. If an AC power adapter is not included with the charger, choose the correct one to use from the Compatibility Table (see inside front page) or a UL listed equivalent.
- Refer to the "Operating Instructions" that came with the computer for information on proper handling of the AC adapter.
- For use only with the battery packs listed in the Compatibility Table (see inside front page).

For assistance with your Lind Battery Charger, contact Lind's Technical Support department at 1-800-659-5956 or at techsupport@lindelectronics.com.

PANASONIC AC ADAPTER COMPATABILITY CHART

| Laptop Battery Pack | Panasonic Model (series) | Battery Bays | Charger Model | Use AC Adapter Model |
|--|--|--------------|--------------------|--|
| CF-VZSU44 | CF-08 | 1 | PACH108 | CF-AA1623AM (40W) CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 2, 3 | PACH208 PACH308 | CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 4, 5 | PACH408 PACH508 | CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| CF-VZSU30 CF-VZSU48 CF-VZSU58 | CF-18 CF-19 | 1 | PACH118 | CF-AA1623AM (40W) CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 2, 3 | PACH218 PACH318 | CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 4, 5 | PACH418 PACH518 | CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| CF-VZSU29 CF-VZSU37 CF-VZSU39 CF-VZSU46 | CF-29 CF-30 CF-31 CF-51 CF-52 CF-53 | 1 | PACH129 | CF-AA1623AM (40W) CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 2 | PACH229 | CF-AA1653AM (80W) CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |
| | | 3 | PACH329 | CF-AA5713AM (110W) CF-AA1683AM (120W) CF-AA5803AM (120W) |

Refer to the chart above to identify the correct Panasonic AC adapter to use if your battery charger did not come supplied with an AC adapter.

CHARGING THE BATTERY PACK

Charging begins automatically after inserting a battery pack into the charger bay.

- The Power On and Charge Status indicators operate the same as when the battery pack is charged in the computer (when the power is off). The time it takes for each battery to fully charge depends on multiple variables, including the state of charge when inserted; the age and condition of battery; and the specific battery size. Refer to the computer reference manual for additional information.
- When more than 1 battery is inserted in the multi-bay battery charger, the batteries will be charged simultaneously. The order of charge completion will depend upon the variables mentioned above.
- The battery pack, battery charger and the AC adapter will become somewhat warm during normal use. This is normal and is not a malfunction.

CHARGER CONNECTIONS

Battery (not included with charger)

Note: Battery and charger may look different than those pictured in this example.



DC Power Input
15.1 - 16.0 VDC



AC Adapter *

AC Cord

** AC adapter not included with all chargers. When not supplied, refer to the chart on the facing page to select the proper Panasonic AC adapter to use.*



Battery Charger

(single bay shown, other models may look different)

Power On Indicator

Charge Status Indicator

TECHNICAL INFORMATION

| | |
|-------------------------|--|
| Input Voltage: | 15.1 - 16.0 VDC |
| Maximum Charge Current: | Approx. 2.5 amps per Charge Bay |
| Operating Temperature: | 5° — 35° C {41° — 95° F} |
| Humidity: | 30 — 80% RH (no condensation) |
| Indicators: | LED on each Charge Bay (Input Power present) LED on each Charge Bay (Charge Status) |

LIMITED WARRANTY

Lind Electronics, Inc. (LIND) warrants the circuit assembly portion of products manufactured by it to be free of defects in material and workmanship for a period of 1 year from the date of purchase under normal use. During this warranty period, LIND will, at its option, repair or replace the product at no charge for parts or labor when the product is returned postage paid as a complete unit to LIND. Proof of purchase and a letter explaining the problem must accompany the returned unit.

This warranty does not apply if any part of the battery charger, its cables or connection jacks have been altered, subjected to abuse, accident or misuse. This warranty excludes incidental or consequential damage resulting from the product or the use of the product. This warranty is in lieu of all other warranties expressed or implied and no person is authorized to assume for LIND any other liability in conjunction with this product. The warranty gives you, the purchaser, specific legal rights and you may have other rights which may vary from state to state and country to country.

The LIND product you are purchasing has not been designed for, or certified for use in, life support applications. Any such use is at your own risk. LIND ELECTRONICS, INC. HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Lind Electronics, Inc. will not be liable for any claims, awards, damages or other liability arising out of the use of LIND products for life support applications whether in the nature of direct, indirect, consequential, special or punitive damages.



Lind Electronics, Inc.

www.lindelectronics.com

info@lindelectronics.com

techsupport@lindelectronics.com

Phone: (800) 659-5956

Lind, Lind Electronics, and the Lind logo are trademarks of Lind Electronics, Inc. All other registered trademarks and trademark names are the property of their respective owners.