



ALL-IN-ONE COMBINATION BATTERY CHARGER, AC/DC AND DC/DC POWER SYSTEM

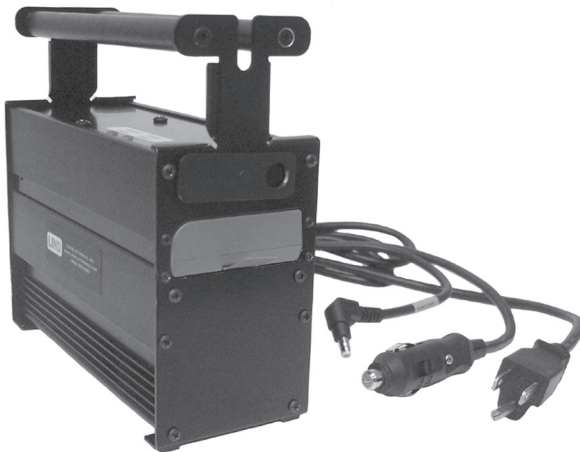
for Panasonic Toughbooks CF-18 and CF-19

The LIND Panasonic All In One (PAIO) unit is specifically designed to fully power these laptop models from an appropriate AC or DC source. The unit will simultaneously recharge one spare laptop battery as well as recharge the internal laptop battery. Two USB connections are provided to power or recharge any external devices equipped to make use of these power ports.

The DC Power Adapter port on is specifically designed to operate the laptop and to charge the internal battery from an appropriate DC source. The adapter supplies precise current and voltage levels required by the laptop. It provides a safe power source by protecting your computer from spikes and power surges which may occur in a DC electrical system.

The AC Power Adapter port on is specifically designed to operate the laptop and to charge the internal battery from an appropriate AC source. The adapter supplies precise current and voltage levels required by the laptop.

The battery charger is designed for charging a single spare battery pack of a CF-18 or CF-19 Toughbook. Before using the PAIO unit, please read all operating instructions.



For assistance call Lind Technical Support at (800) 659-5956 or (952) 927-6303.

USING WITH AN AC POWER SOURCE

The internal AC power supply will simultaneously power the laptop and charge a spare battery inserted in the PAIO charger. Rear panel connect ons can be used to power USB devices.

1. The attached AC power cable can be connected to any suitable 90-264 VAC source.
2. Plug the outlet end of the AC power cord into an AC wall outlet.
3. The power LED indicator on top of the unit will light once power is applied.
4. The LED on the front of the unit will light when DC voltage to the laptop is available.

USING WITH A DC POWER SOURCE

The internal DC power supply will simultaneously power the laptop and charge a spare battery inserted in the PAIO charger. Rear panel connect ons can power USB devices.

1. The attached DC cigarette lighter cable can be connected to a suitable 11-32 VDC source. The voltage source must be able to provide a minimum of 10 amps of current.
2. Plug the cigarette lighter connector into a DC receptacle. (The cigarette plug has a narrow (N) and a wide (W) setting for use in a range of receptacles and power points. If a loose fit is detected, switch the selector to the wide position.
3. The power LED indicator on top of the PAIO unit will light once voltage is applied.
4. The LED on the front of the unit will light when DC voltage to the laptop is available.

USING TO CHARGE A BATTERY

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

1. The Power On and Charge Status indicators operate the same as when the battery pack is charged in the computer (when the computer is off). The time it takes for the battery to fully charge depends on 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.
2. The battery pack and the PAIO unit will become somewhat warm during use. This is normal and is not a malfunction.
3. The battery pack will charge when powered from either an AC or DC source.
4. Position battery latch downward to allow transport with a battery installed.

TECHNICAL INFORMATION

Power Input:	90—264 VAC (@ 47-63 Hz) or 11—32 VDC
Power Output:	15.6 VDC, 3.85 amps
USB Output:	5 VDC, 2 amps total
Fuse:	10 amps, 3 AG Fast Blow
Operating Temperature:	5°—35° C (41°—95° F)
Humidity:	30—80% (relative humidity, no condensation)
Weight/Size:	5 pounds, 2.85 x 6.8 x 6.5 inches (W x D x H)
Max. Charge Bay Current:	Approximately 2.5 amps
Indicators	LEDs on top of unit (input power present and charge status) LED on back of unit (output power present)
Features:	Output Short Circuit Protected Output Current Limit Internal Overtemperature Shutdown Low Input Voltage Shutdown High Input Voltage Shutdown Automatic Reset of Safety Shutdown



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