LIND

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 specif cally designed to fully power these laptop models from an appropriate AC or DC source. The unit will simultaneously recharge one spare laptop bat ery as well as recharge the internal laptop bat ery. Two USB connect ons are provided to power or recharge any external devices equipped to make use of these power ports.

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

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

The bat ery charger is designed for charging a single spare bat ery pack of a CF-18 or CF-19 Toughbook. Before using the PAIO unit, please read all operat ng instruct ons.

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 simulatneously 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 at ached 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 simulatneously power the laptop and charge a spare bat ery inserted in the PAIO charger. Rear panel connect ons can power USB devices.

1. The at ached DC cigaret e lighter cable can be connected to a suitable 11-32 VDC source. The voltage source must be able to provide a minmum of 10 amps of current.
2. Plug the cigaret e lighter connector into a DC receptacle. (The cigaret e plug has a narrow (N) and a wide (W) set ng for use in a range of receptacles and power points. If a loose f t is detected, switch the selector to the wide posit on.
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 automat cally af er insert ng a bat ery pack into the charger bay.

1. The Power On and Charge Status indicators operate the same as when the bat ery pack is charged in the computer (when the computer is of). The t me it takes for the bat ery to fully charge depends on the state of charge when inserted, the age and condit on of bat ery and the specif c bat ery size. Refer to the computer reference manual for addit onal informat on.
2. The bat ery pack and the PAIO unit will become somewhat warm during use. This is normal and is not a malfunct on.
3. The bat ery pack will charge when powered from either an AC or DC source.
4. Posit on bat ery latch downward to allow transport on with a bat ery 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
Operat ng Temperature:	5°—35° C (41°—95° F)
Humidity:	30—80% (relat ve humidity, no condensat on)
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
	Automat c Reset of Safety Shutdown

LIND