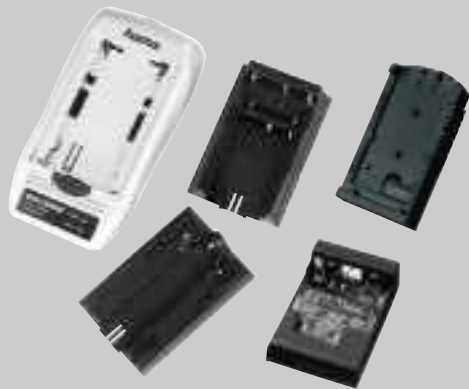


Battery pack compatibility list for Digital-Photo-Charger Combi I

Camcorder Battery		charged by
Olympus	Li-10B	Adapter Tray D
Panasonic	CGR-S101A	Adapter Tray D
	CGR-S602A	Adapter Tray D
	VW-VBA 10	Adapter Tray D
Pentax	D-Li2	Adapter Tray D
	D-Li7	Adapter Tray D
	D-Li8	Adapter Tray D
Ricoh	DB20	Adapter Tray D
	DB30	Adapter Tray D
	DB40	Adapter Tray D
	DB43	Adapter Tray D
Sanyo	DL-10B	Adapter Tray D
Sony	NP-F 550	Base Unit
	NP-FM 50	Base Unit
	NP-FS 11	Base Unit
	NP-FC 11	Base Unit
Toshiba	PDR-BT2	Adapter Tray D
	PDR-BT3	Adapter Tray D
	PDR-BT9	Adapter Tray D
	NP-100	Adapter Tray D

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73046312



**Li-Ion Digital-
Photo/Video-Charger
Combi I**

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GB Instruction manual

This charger can be used for nearly all 3,6V and 7,2V Lithium-Ion Digital Photo and Video battery packs.

- Precision end-of-charge voltage cut off guarantees full charging of battery packs.
- Trickle charging function after full charge detection.
- Detection of defective battery packs.
- Overcharge protection.
- Additional overcharge protection through built-in safety timer.

Please read this instruction manual before using this charger.

It explains how to operate this product.

Use in dry rooms only!

Contents of your charger:

- 1 x AC / DC Adapter 230V / 50Hz
- 1 x Battery Charger Base
- 1 x Car Cord Adapter
- 4 x Adapter Trays
- 1 x Operating Instructions

Operating instructions

Connection of the Charger

1. Powering the Charger

Plug the AC / DC Adapter into a power outlet, then connect the other end with the power input of the charger. The power status indicator will light up in RED.

2. Using the charger in car

Plug the Car Cord Adapter into the 12V cigarette light socket of your car, then connect the other end with the power input of the charger. The power status indicator will light up in RED.

ATTENTION: Never plug the Car Cord Adapter into the 24V power of a truck. This will cause permanent damage to the charger.

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Loading a battery onto the Photo and Video Battery Charger

Slide the battery onto the platform as indicated (picture A). Do not force the battery onto the platform. Use the adapter tray as indicated (picture B). To remove the adapter tray simply pull back on the release tab and lift the tray up from the charger (picture).

Charging Mode

When the battery is attached onto the charger platform the battery status indicator will light up (green LED) and blink as long as the battery is being charged. If the battery is fully charged, the indicator will stop blinking and light up permanently. Then the battery pack can be removed from the charger. It is recommended to still leave the battery pack on the charger for approx. 30 minutes to "top-up" the battery.

Safety precautions and maintenance

DO NOT use the battery charger inside a drawer, closed cabinet or cover with a cloth. The heat from charging may damage the charger and the battery pack. During use the charger will become slightly warm.

DO NOT attempt to open the charger or remove service parts inside. Doing so will void your warranty. **DO NOT** allow moisture of any kind to come into contact with the charger; never immerse the charger in water for any reason.

DO NOT install the charger in areas that may expose it to extreme temperatures. Avoid placing the charger in direct sunlight, such as on a dashboard. High temperatures may warp or melt plastics. **DO NOT** drop the charger. Serve jolts may cause permanent damage and are not covered by the warranty. **DO NOT** plug the 12V car cord into the cigarette light socket of Trucks since it will cause permanent damage to the charger.



Technical Specifications

Input: 12 VDC
Charging Current: 800mA constant current mode
Charging Mode: constant current mode with charging current termination (4.2V for 3.6V battery, 8.4V for 7.2V battery)

Troubleshooting

Problem

No power status LED (red LED)

Remedy

- Make sure the AC/DC power adapter is plugged into a suitable power outlet.
- Check power cord.

No battery status LED (green LED) when battery is installed

- Re-install battery.
- Defective battery.

Power and battery status LED of the adapter both blinking

- Disconnect outlet of power from charger and re-connect it to charger.
- Defective battery.

Battery pack compatibility list for Li-Ion Videocharger Combi I

Camcorder Battery		charged by
Canon	BP-511/512/522	Base Unit with Adapter Tray A
	BP-608/617	
	BP-911/914/915	
	BP-924	
	BP-927	
	BP-930 R	
BP-941	Base Unit	
Hitachi	VM-BPL-13/27	Base Unit
	VM-E 330/535	
	VM-NP500	
	VM-N520	
JVC	BN-V 207/214	with Adapter Tray C
	BN-V 408/416/428	
	BN-V 507/514	
	BN-V 607/615	
	BN-V 712/714	
	BN-V 812/814	
	BN-V 907	
Panasonic	CGR-B 202/403	Base Unit
	VW-VBD 1	
	VW-VBD 2	
	CGR-D 120/220/320	
	CGR-D08/16	
	VW-VBD 21	
	VW-VBD 23	
	VW-VBD 24	
	CGR-V 610/620	
	CGR-V 14/26	

Battery pack compatibility list for Li-Ion Videocharger Combi I

Camcorder Battery	charged by
RCA BB-065 L BB-075 BB-075 L	Base Unit with Adapter Tray A with Adapter Tray A
Samsung SBL-160/320/480	Base Unit
Sharp BT-L 1/2 BT-L11/12 BT-L31 BT-L 221/241/441 BT-L 41 VR-BL 71 VR-BL 72 VR-BL 75 VR-BL 81 VR-BL 91	with Adapter Tray A with Adapter Tray A with Adapter Tray C with Adapter Tray B with Adapter Tray B with Adapter Tray A with Adapter Tray C with Adapter Tray A with Adapter Tray A with Adapter Tray B
Sony NP-F 330 NP-F 550 NP-F 750 NP-F 950 NP-F 730 H NP-F 100 NP-F 200 NP-F 300 NP-FS 10/FS 11 NP-FS 20/FS 21 NP-FS 30 NP-FM 50 NP-FM 70 NP-FM 90	Base Unit Base Unit Base Unit Base Unit Base Unit Base Unit Base Unit Base Unit Base Unit with Adapter Tray B with Adapter Tray B with Adapter Tray B Base Unit Base Unit Base Unit

Battery pack compatibility list for Digital-Photo-Charger Combi I

Camcorder Battery	charged by
Canon NB-1L NB-1LH NB-2L BP-512	Adapter Tray D Adapter Tray D Adapter Tray D Base Unit
Casio NP-20 NP-30	Adapter Tray D Adapter Tray D
Contax NP-120	Adapter Tray D
Fuji NP-40 NP-60 NP-80 NP-100 NP-120	Adapter Tray D Adapter Tray D Adapter Tray D Adapter Tray D Adapter Tray D
JVC BN-V101	Adapter Tray D
Kodak KLIC 3000 KLIC 5000	Adapter Tray D Adapter Tray D
Konica DR-LB1 DR-LB4	Adapter Tray D Adapter Tray D
Kyocera BP-800 BP-900/1000	Adapter Tray D Adapter Tray D
Leica NP-100	Adapter Tray D
Minolta NP-200	Adapter Tray D
Nikon EN-EL1 EN-EL 2 EN-EL 3	Adapter Tray D Adapter Tray D Adapter Tray D