

Combi Charger

Operating Instructions

General information

The Combi Charger is solely designed to load 24V Lead-Gel batteries with a capacity of 10 – 12Ah. The built-in electronic monitors the current-voltage characteristic (IU) which is recommended by the battery manufacturer. It offers a cyclic – as well as a continuous charge mode.




A charge indicator / display shows the present condition.

The dolly can be used while the batteries are being charged. The actual charging time depends upon the demand. The output will only be switched on when a battery is connected. It is important to know that **the use of the dolly is only possible with both batteries.**

The Combi Charger will not discharge the batteries , when the mains power is switched off.

Only connect one battery to each output plug of the Combi Charger, to achieve proper charging and the necessary balance currents. Use **either** the individual plugs 1 and 2 **or** the 8-pole plug for the dolly. (see attached drawing)

Charge indicator / display:

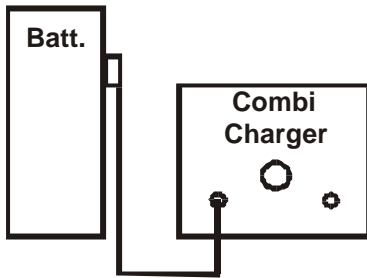
	Red LED „No Battery“	Connect battery or dolly.
	Yellow LED “Charge battery” flashes	Indicates, that the charger has recognised the battery. While flashing, the battery is tested for its present charge level and possible short-circuits. After 1 min the flashing stops and the battery will be charged.
	Green LED “Battery charged”	The battery is charged

Technical details:

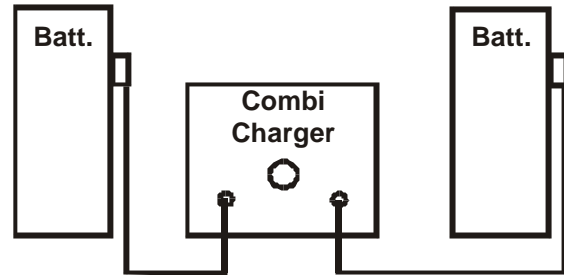
Voltage	90-250V	50/60 Hz
Power consumption	max. 350W	
Output voltage	2 x 24V	
Output current	max. 2 x 3.2A	
Charge time	max. 6 hours	
Temperature	-10°C to 50°C (14°F to 122°F)	

Possible Usage:

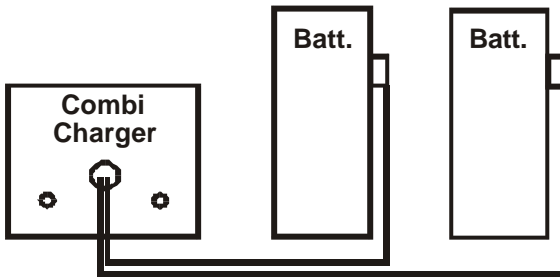
1. 1 Battery
with one 1-Way Charge Cable



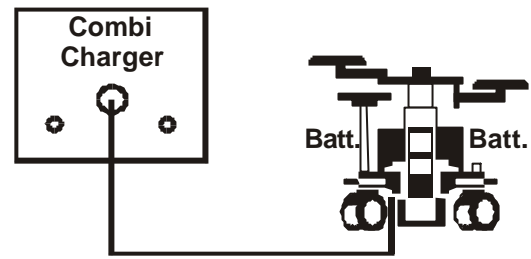
2. 2 Batteries
with two 1-Way Charge Cable



3. 2 Batteries
with Y-Charge Cable

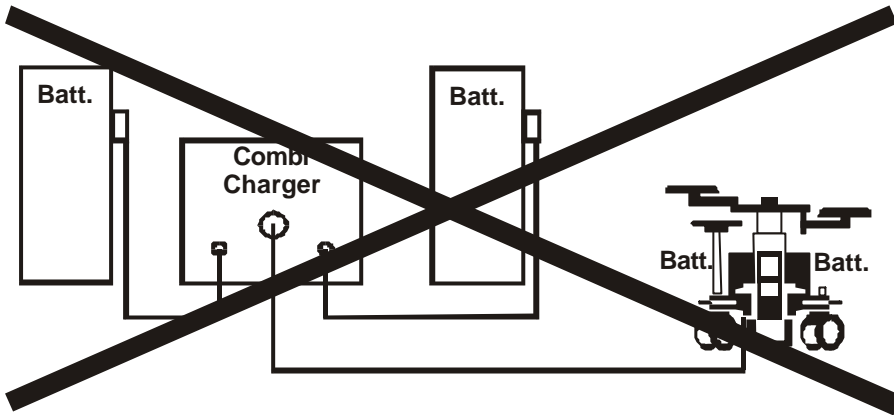


4. Dolly with 2 Batteries
with Power Cable

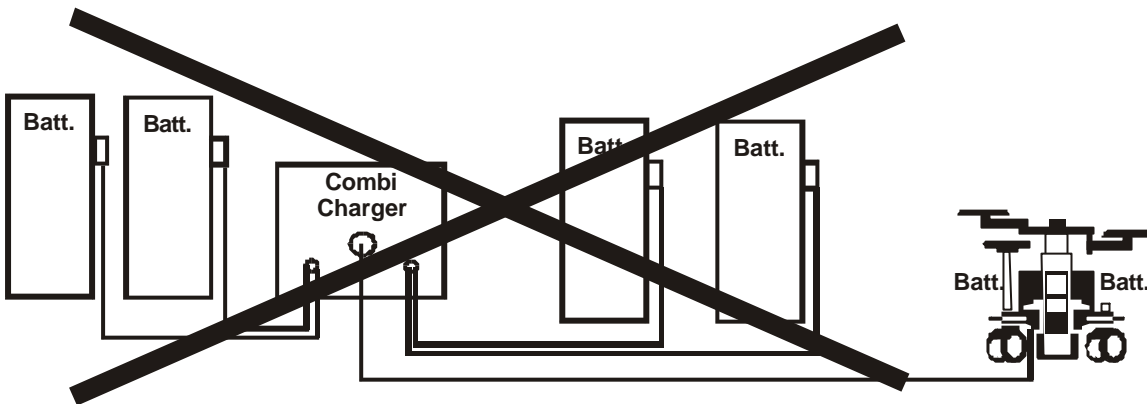


Do not use the Combi Charger in following configurations!

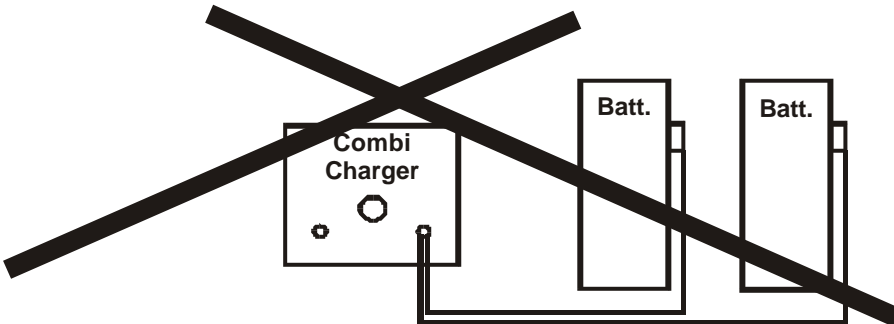
1.



2.



3.



4.

