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SURVEY EQUIPMENT AND SUPPLIES

AUTHORIZED TOPCON DISTRIBUTOR

TP-L6 series pipe laser

Manufacturer documentation

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5. USING THE BATTERY

Be sure to charge the battery fully before using it for the first time or after not using it for long periods.



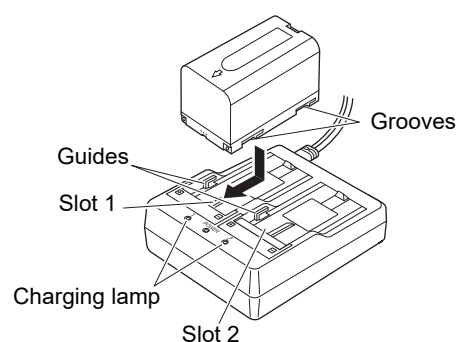
- The charger will become rather hot during use. This is normal.
- Do not use or charge batteries other than those designated.
(Battery:BDC72 Charger:CDC77)
- Do not charge the battery just after charging is completed. Battery performance may decline.
- The charger is for indoor use only. Do not use outdoors.
- Batteries cannot be charged when the temperature is outside the charging temperature range. Be sure to charge the battery within the charging temperature range.
- Remove batteries from the charger before putting into storage.
- When not in use, disconnect the power cable plug from the wall outlet.
- Store the battery in a dry room where the temperature is within the following ranges. For long-term storage, the battery should be charged at least once every six months.

Storage period	Temperature range
1 month or less	-20 to 50°C
1 month to 3 months	-20 to 40°C
3 months to 1 year	-20 to 20°C

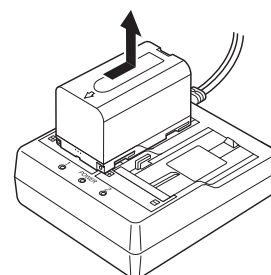
- Batteries generate power using a chemical reaction and as a result have a limited lifetime. Even when in storage and not used for long periods, battery capacity deteriorates with the passage of time. This may result in the operating time of the battery shortening despite having been charged correctly. In this event, a new battery is required.

5.1 Battery Charging

1. Connect the power cable to the charger and plug the charger into the wall outlet.
2. Mount the battery in the charger by matching the grooves on the battery with the guides on the charger. When charging starts, the lamp starts flashing in green. The lamp lights up in green when charging is finished.



3. Remove the battery and unplug the charger.



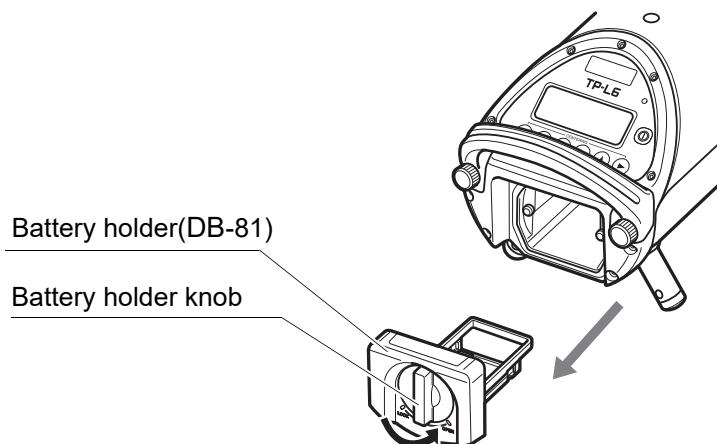


- Slots 1 and 2:
The battery charger can hold and charge up to two batteries at the same time.
- Charging time per battery:
BDC72: about 8 hours (at 25°C)
(Charging can take longer than the times stated above when temperatures are either especially high or low.)
- Charging lamp:

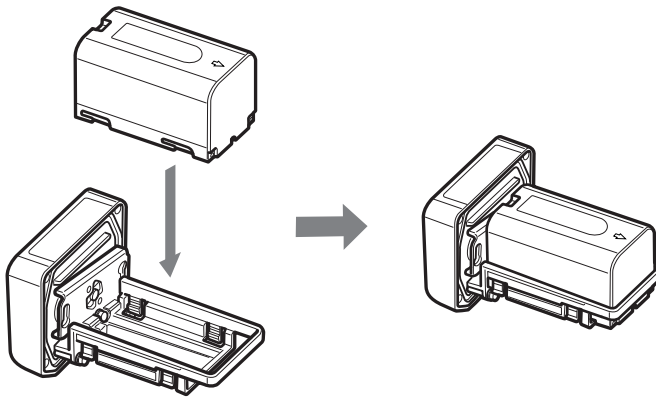
LED	Description
Green lamp flashing	On charge
Green lamp lit	Fully charged
Yellow lamp flashing	Battery temperature is out of charging temperature range. Charge the battery again within the charging temperature range. If the yellow lamp still does not stop flashing, contact your local dealer.
Off	The battery is not correctly mounted. Mount it again correctly. If the lamp is still off, contact your local dealer.
Red lamp lit	Charging is not being normally performed. There may be trouble with the charger or battery. Contact your local dealer.

5.2 Installing the Battery

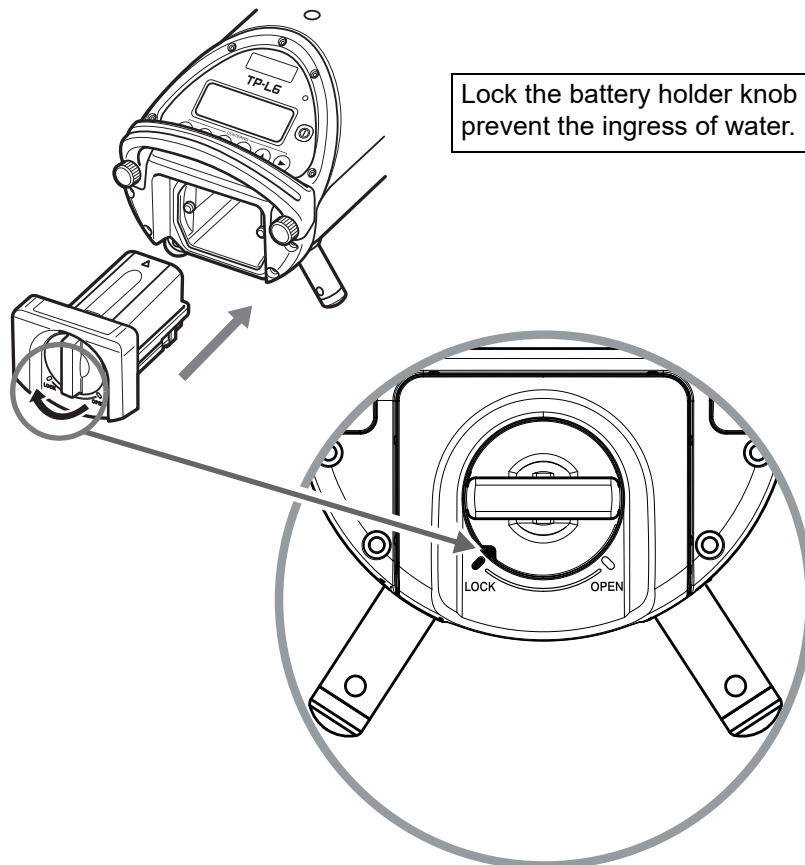
1. Turn the battery holder knob to the “Open” side until it stops.
2. Remove the battery holder.



3. As shown below, install the battery to the battery holder.



4. Attach the battery holder to the TP-L6W.
5. Attach the battery holder to the TP-L6W and turn the battery holder knob to the “LOCK” side to fix the battery holder.



- Before removing the battery, turn OFF the TP-L6W power key.



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