

Technical information

Cable light	KL 1255	KL 1270
Material	Aluminium*	Aluminium*
Size	φ 68 x 215	φ 82x 210
Weight above water	0,5 kg	0,55 kg
Weight under water	0,1 kg	0,1 kg
Bulb type	Halogen/Xenon	Halogen/Xenon
Standard light power	50 Watt	50 Watt
Optional light power installations	20-100 Watt	20-100 Watt
Variable lightpower	0 – 100%	0 – 100%
Cable length	900 mm	900 mm
Hyperbaric pressuretest	25 bar	25 bar

Battery pack	PR 1205 / FX1206	PR 12085 / FX1209	PR 1213
Material	Aluminium*	Aluminium*	Aluminium*
Quick release system	yes / no	yes / no	yes
Size	65 x 75 x 340	65 x 75 x 340	65 x 75 x 480
Weight above water	2,7 kg	2,9 kg	3,7 kg
Weight under water	1,6 kg	1,7 kg	2,7kg
Battery type	Nicad	NiMH	NiMH
Battery power	12 Volt 5,5 Ah	12 Volt 9 Ah	12 Volt 13 Ah
Charger	MP1100	MP2500	MP2500
Charging time	6 hours	4,5 hours	7 hours
Capacity normal (at 50 Watt)	appr. 65 min. (temp. 20 C)	appr. 110 min. (temp. 20 C)	appr. 180 min. (temp. 20 C)
Capacity in reserve mode	8 min.	8 min.	8 min.
Hyperbaric pressuretest	25 bar	25 bar	25 bar

* In accordance with American Military Standard MIL-A-8625-E type 3 class 2.
Also the coating is impregnated with Teflon.

Warranty

The Metalsub torch warranty will start on the date of purchase. The warranty period is two years and will only count when the torch has been used in the way the manufacture advises and has explained in the outlines. During this warranty period we will repair all problems that are caused by manufacture related mistakes. We will take no responsibility for damage that is done through misuse or normal wear and tear of the Metalsub Diving Light for whatever reason. The battery itself has a warranty period of one year, with the same remarks for misuse. The light bulbs itself has no warranty!

We will give no warranty when any person has carried out any repair or rebuilding on our products by themselves!
All goods being returned for warranty must be returned prepaid, sufficiently packaging under the owners risk to:

dealer



The Netherlands



METALSUB - CABLE LIGHT ⁰⁵

Cable light KL 1255
Cable light KL 1270
Cable light UL1255

Battery pack PR1205/FX1206
Battery pack PR1208/FX1209
Battery pack PR1213

SAFETY PRECAUTIONS!

- A) Read this manual carefully before using the dive light.
- B) Prior to air travel, disconnect the cable lamp from the battery pack. Also discharge the battery pack, so as to prevent overheating should the lamp be switched on by accidental impact or mishandling.
- C) Always use the charger that is delivered with the dive light.
- D) Charging the lamp: - always in a dry and well ventilated place
- ambient temperature between 0 and 30 C
- never by open fire

HOW TO USE THE DIVE LIGHT:

Charging (with the MP1100/MP2500 charger)

The charger is suitable for mains between 100-240 Vac. We deliver the battery pack empty, so it is important to charge the empty pack completely with a full charge cycle.

Make sure that the connectors are completely clean and dry. Securely plug the charge connector into the battery pack.

The charger is fitted with a Delta-V charge controller. The charge controller switches over to pulse charging as soon as the battery reaches its full power. Please wait until the small light (LED) on the charger lights green continuously before you disconnect the charger from the battery pack.

Battery test: the LED indication will flash red 5 sec.

Charging: The LED indication lights red continuously.

Battery pack full / trickle charge: the LED indication lights green continuously.

Warning:

Always use the charger that is delivered with the dive light!!! The use of other chargers can damage the battery cells inside!!!

The cable-light connector

The connection of the cable-light to the battery pack is done by placing the connector in the water seal connector seat on the battery pack. The connection is made with a little inward push and a turn to the right. Disconnection is done by doing the same sequence in reverse.

Make sure that the connectors are completely clean and dry. When necessary, clean the O-ring and use a little bit of silicone grease to produce a better water tight seal.

Warning:

Never disconnect the the light from the battery pack under water!!!! This will damage the connector inside the battery pack!!!!

Switching on and off (KL1255/KL1270)

You switch the light on by pushing the button and turning the switch to the right, the light power varies from 0 until 100%. When the switch is turned about 30 degrees you can feel a heavy point, which indicates approximately 50% light power.

When you push the button and turn further to the left you will lock the switch.

Remark:

To prevent overheating of your light bulb we strongly advise you not to turn the light on above water. When you want to use the dive light above water we advise you to use a light bulb of **35 Watt** or less!

Warning signal when the battery reaches its minimum power

When the battery pack reaches its minimum power it will go automatically into reserve mode. This means that the light switches over to a blink mode) which gives you an extra 8 minutes before the light switches off. During this reserve time the light will blink several times every minute. To prevent your battery for depth discharging the light will switch off completely at the end of the reserve mode.

Remark:

If you don't use the torch for a longer time we advise you to disconnect the cable-light from the battery pack to prevent discharging of the battery pack.

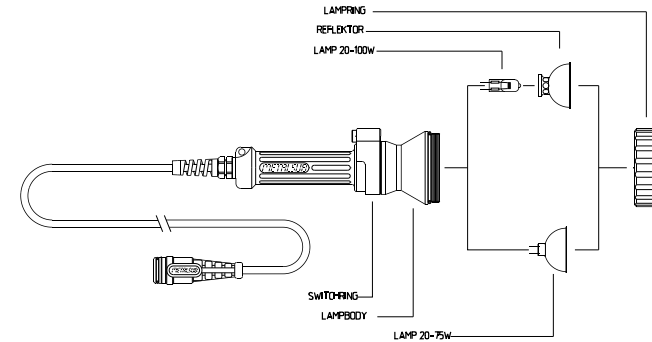
Never store the battery pack uncharged for a long period. If the battery pack is not used for a long period, we advise you first to charge the battery pack completely and then every three months to dis- and recharge the battery pack completely.

Replacing the light bulbs

Turn the ring to the left and remove the front glass. Remove the light bulb. Insert the new bulb. Rinse the O-ring and grease it with silicone grease. Replace the front glass and turn it to the right until it is firmly in place.

Note:

- Always use the light bulbs advised by the manufacture;
- Never touch the light bulbs with your fingers, this will cause the light bulb to burn out prematurely.

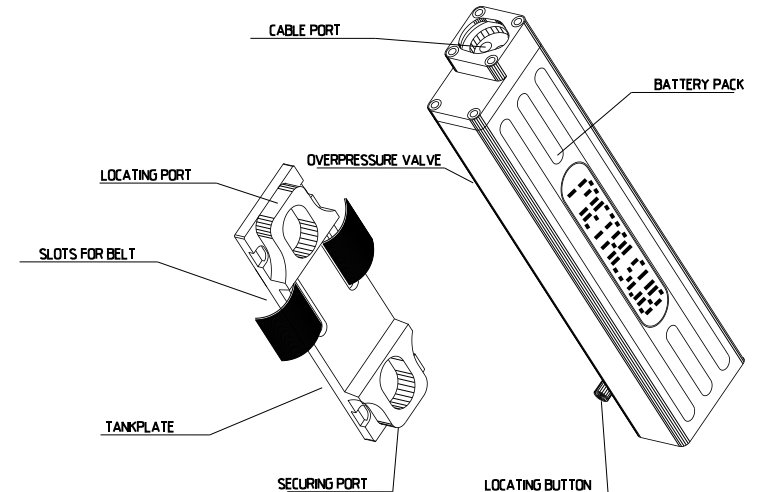


Connection of the battery pack onto the tank or BCD

First connect the tank plate onto the bottle or jacket belt.

You can use two methods:

1. Connect the tank plate with stainless steel belts on the bottle
 2. Connect the tank plate on the BCD belt by guiding the belt through the slots in the plate (see figure).
- Now you can connect the battery pack onto the plate by depressing the locating button, pushing the battery pack down onto the locating part then, onto the securing port and release the locating button.



Connection of the battery tank FX1206 / FX1209 onto the cylinder

Slide the bracket of the battery tank over the belt of the stabilizing jacket. Close the belt securely.

General:

- After each dive, soak the lamp in clean fresh water for a few minutes.
- Rinse the dive lamp under running water to remove all traces of sand and salt.
- Make sure the sockets are dry. After each dive, we suggest blowing in compressed air (from the dive tanks)
- Avoid physical impact.
- Avoid overheating and direct exposure to sunlight.