

Field of application and characteristics



The standard battery pack with 4 Ah **BP60** or the battery pack with 10 Ah **BP60/10** can be used for extending the operating time of optical links with 6 V, 4 Ah. It can also be used to supply devices without internal batteries. If several battery packs are purchased, the empty battery packs can be charged while using the spare ones, so continuous measurement is assured.

The battery packs can be purchased together with the devices or can be added later. The BP60 can be charged with the standard chargers. The BP60/10 with 10 Ah need to be charged with special chargers (please see table below).

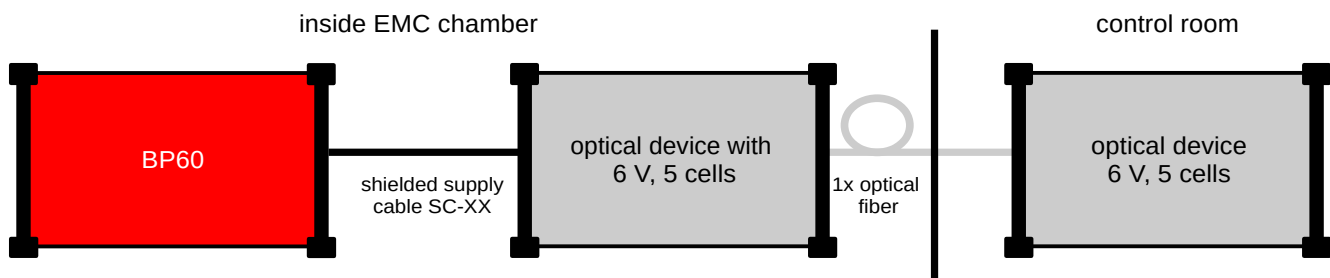
The battery pack is connected to the optical devices with a shielded cable equipped with folding ferrites. The supply cable has a standard length of 30 cm.

With the shielded case, the battery pack is well equipped for EMI and EME tests.



Figure 1
top, left: **BP60** with push-pull 12 mm (= PP12) connector
bottom, right: **BP60/10** Binder 712 connector

Application



Technical data

Charging connector:	push-pull 12 mm PP12, Binder 712, on request: push-pull 9 mm PP9
Power supply:	integrated batteries 4 Ah , consisting of 5x NiMH cells, 6 V operating time with fully charged batteries: depends on connected device OR integrated batteries 10 Ah , consisting of 5x NiMH cells, 6 V up to 2.5 times the run time compared to the BP60 with a 4 Ah battery.
Fuse:	BP60 (4 Ah): internal SMD fuse 3 A BP60/10 (10 Ah): internal SMD fuse 5 A
Output voltage:	6 V
Housing (LxWxH):	anodized aluminum case with rubber protectors, stackable BP60 (4 Ah): 136 mm x 86 mm x 60 mm BP60/10 (10 Ah): 136 mm x 86 mm x 86 mm

Weight:	BP60 (4 Ah): approx. 700 g BP60/10 (10 Ah): approx. 1500 g
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Scope of delivery

1x	battery pack BP60 OR BP60/10
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Accessories and options

Supply cable:	shielded cable (crossed) for optical device
Charger:	with 5pole male connector, suitable for NiMH batteries with 5-10 cells standard charger BP60: charging current 300-800 mA charger for 10 Ah BP60/10: charging current 1.6-4 A

Output/charge connector:

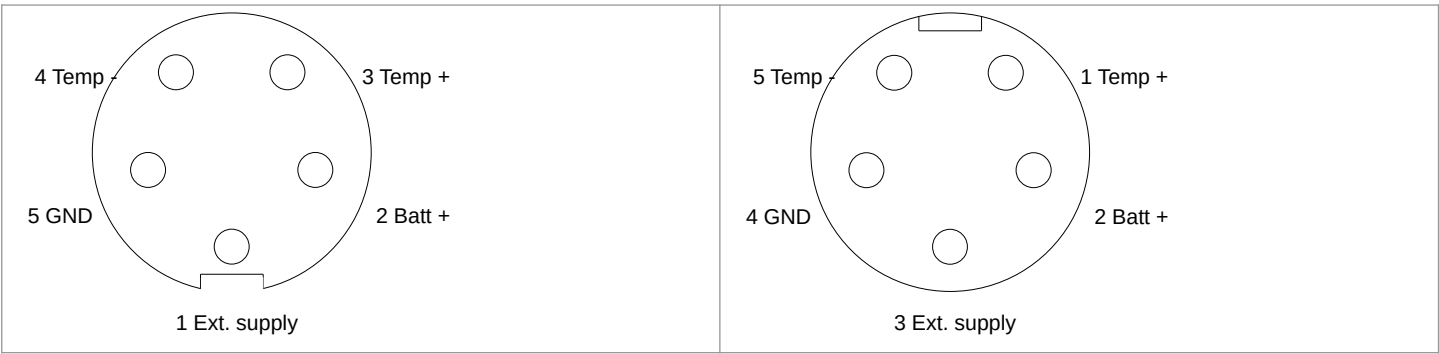


Figure 2: Pinout of the output/charge connector (front view)
left side: push-pull 12 mm (= PP12) connector
right side: Binder 712 connector