

## AP-PCB 4B-1L 30-120A

Parallel connecting Box of 4 Batteries with Common connector for charging or discharging Each up to 30 A max.



### PARALLEL INTERCONNECTION BOX

This Interconnection box facilitates parallel connections of 1- 4 Batteries to charger or to devices.

'Multi' Battery common connections, with parallel connections between 1-4 Batteries (each up to 30 A max.) with common connector for charging or discharging (up to 120 A max).

Housing Dimensions: 191 x 125 x 90mm

#### Housing properties:

Colour: light grey, similar to RAL 7035.

Protection class: IP 66.

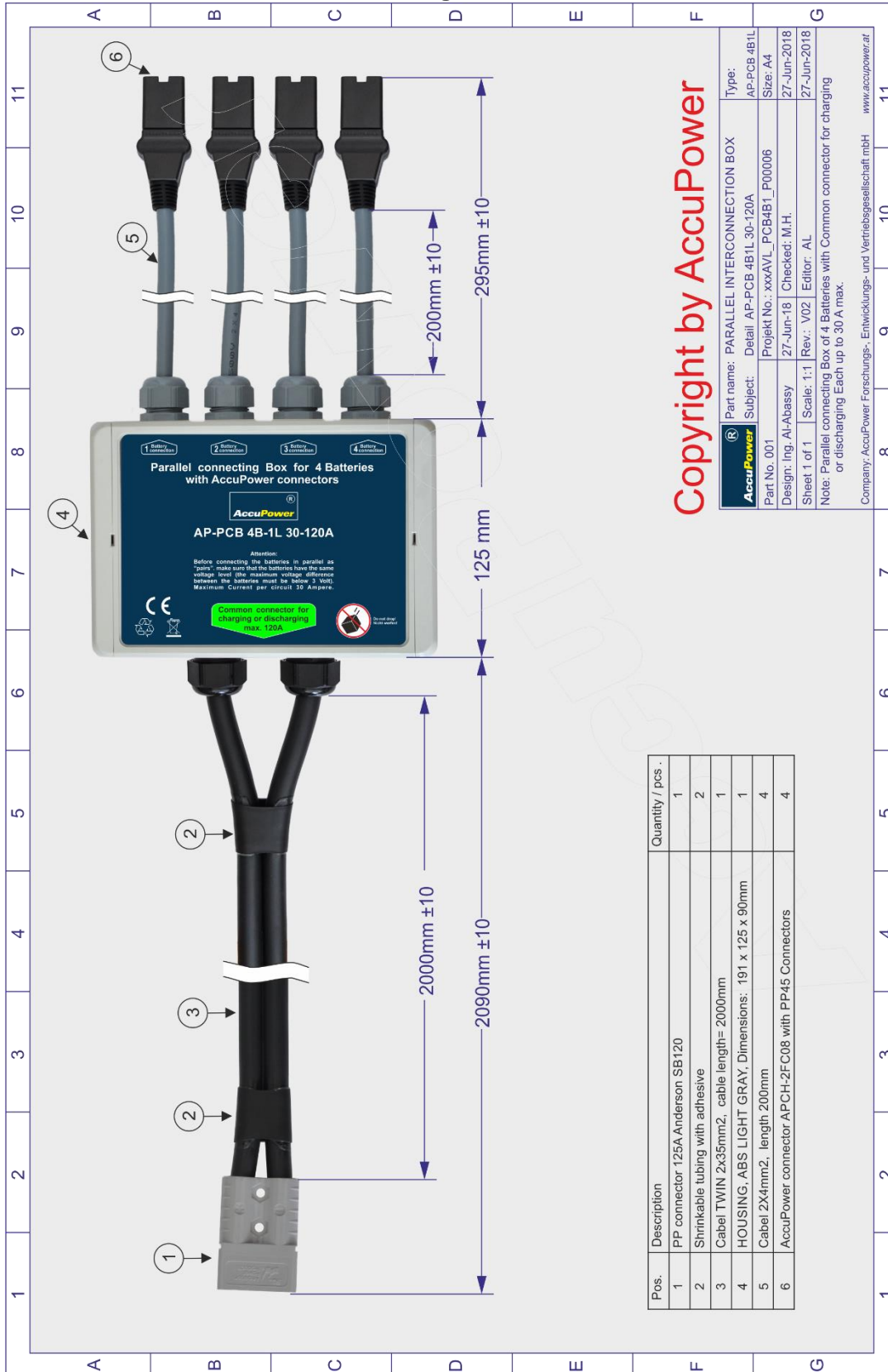
Housing material: PC / ABS (polycarbonate / acrylonitrile butadiene styrene) is a blend of PC and ABS, UL 94 V0 (material suitable for outdoor use, f1 listing according to UL 746C), combined with great mechanical properties of PC such as impact resistance and heat resistance. Compliant with RoHS



#### Attention:

- Before connecting the batteries in parallel as “pairs”, make sure that the batteries have the same voltage level (the maximum voltage difference between the batteries must be below 3 Volt).
- Maximum Current per circuit 30 Ampere.
- Please pay attention to the correct polarity, as wrong polarity can lead to short circuit, overheating, fire and explosion.
- Make sure that the contacts are clean and undamaged (plugs with signs of wear or mechanical damage must be replaced)

Product image with details



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Part name:	PARALLEL INTERCONNECTION BOX	Type:	AP-PCB 4B1L
Subject:	Detail AP-PCB 4B1L 30-120A	Size:	A4
Part No. 001	Projekt No.: xxxAVL_PC4B4B1_P00006	Design:	Ing. Al-Abassy
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Sheet 1 of 1	Scale: 1:1	Rev.:	V02
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Note: Parallel connecting Box of 4 Batteries with Common connector for charging or discharging Each up to 30 A max.			
Company: AccuPower Forschungs-, Entwicklungs- und Vertriebsgesellschaft mbH <a href="http://www.accupower.at">www.accupower.at</a>			

Pos.	Description	Quantity / pcs.
1	PP connector 125A Anderson SB120	1
2	Shrinkable tubing with adhesive	2
3	Cabel TWIN 2x35mm <sup>2</sup> , cable length= 2000mm	1
4	HOUSING, ABS LIGHT GRAY, Dimensions: 191 x 125 x 90mm	1
5	Cabel 2x4mm <sup>2</sup> , length 200mm	4
6	AccuPower connector APCH-2FC08 with PP45 Connectors	4