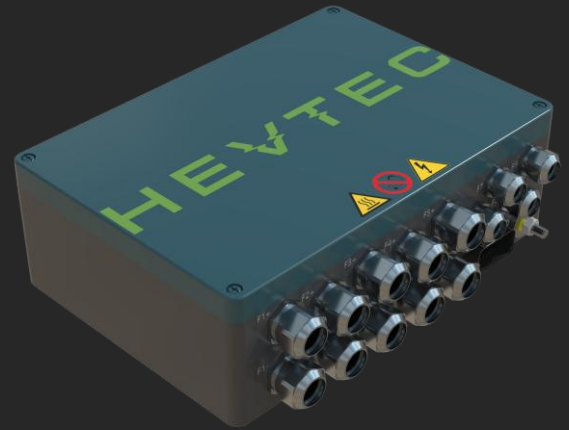


# HEVTEC

## RUNKO PDU SIZE S

Compact Runko PDU series centralizes high-voltage distribution, load protection and service access into one clean unit.

Runko PDU size S supports CCS charging with total 9 fused outputs.

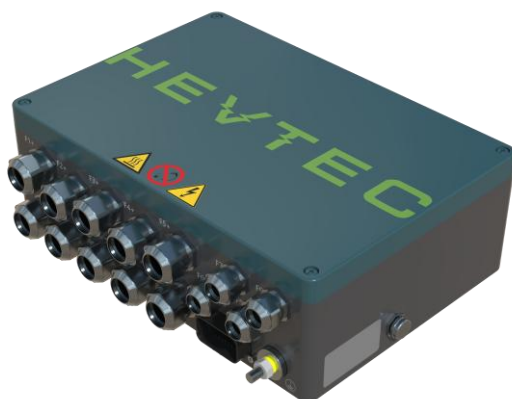


### Ratings and measurements

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Current rating, sum (cont./peak) | 300 / 500 A, dependent on ambient temperature |
| Voltage rating                   | 1000 Vdc                                      |
| Control voltage                  | 12 - 24 V (8 - 36 V)                          |
| Dimensions                       | 330 x 230 x 111 mm                            |
| Weight                           | 7 kg                                          |

### Environmental limits

|                      |              |
|----------------------|--------------|
| Ingress protection   | IP67         |
| Impact protection    | IK09         |
| Ambient temperature  | -40 – 65 °C  |
| Operational altitude | up to 3000 m |



## Connections

|              |                                                      |
|--------------|------------------------------------------------------|
| High voltage | AGRO EMC EasyConnect / EVolution M20-25 cable glands |
| Logic level  | TE AMPSEAL 23-pole, mating part #770680-1            |

## Product compliance

|                                      |                                                    |
|--------------------------------------|----------------------------------------------------|
| Over Voltage Category                | as defined in IEC 60664-1 and IEC 61439-1: CAT III |
| Impulse Withstand Voltage            | as defined in IEC 60664-1 and IEC 61439-1: 6000 V  |
| Mechanical vibration                 | as defined in ISO 16750-3: 4g constant*            |
| Mechanical shock                     | as defined in ISO 16750-3: 25g*                    |
| Chemical load                        | as defined in ISO 16750-5: fluids list             |
| Climatic loads                       | as defined in ISO 16750-4: Code G                  |
| Electromagnetic compatibility        | as defined in ISO 13766-1 and ECE-R 10*            |
| Electrical safety                    | as defined in IEC 62061 and ECE-R 100*             |
| Quality and environmental management | ISO 9001, ISO 14001                                |
| Materials                            | RoHS/REACH                                         |

\*Designed according to mentioned standards. May be subject to change. Users are responsible for evaluating the suitability and compliance of the product for their specific application.

## Features

- Lid switch
- Temperature measurement (2 x Pt1000)
- Cast AlSi12 enclosure and lid with PU foamed seal
- Powder paint coating
- Grounding stud, M8 thread
- Pressure balance element with membrane
- TRL: A-sample

## Options

1. Insulation Monitoring Device (Bender iso175, p/n: B91068200), CAN J1939, 250/500 kBit/s
2. Custom color

## Fuse Listing

| Fuse sizes | Outputs total and Terminal# | Gland and Cable lug size |
|------------|-----------------------------|--------------------------|
| 70–300 A   | 2 x 5 pcs: F1 - F5          | M25 gland, M8 cable lug  |
| 5–60 A     | 1 x 4 pcs: F6 - F9          | M20 gland, M5 cable lug  |

Note: Use multicore cables in F6 – F9, e.g. 2x6mm<sup>2</sup>. Gland reduction adapters available.

## Dimensional drawing

The bending radius values are based on the BETAttron T150 High C-flex cable. The bending radius values apply to fixed installation.

A = 35 mm<sup>2</sup>

B = 50 mm<sup>2</sup>

C = 70 mm<sup>2</sup>

