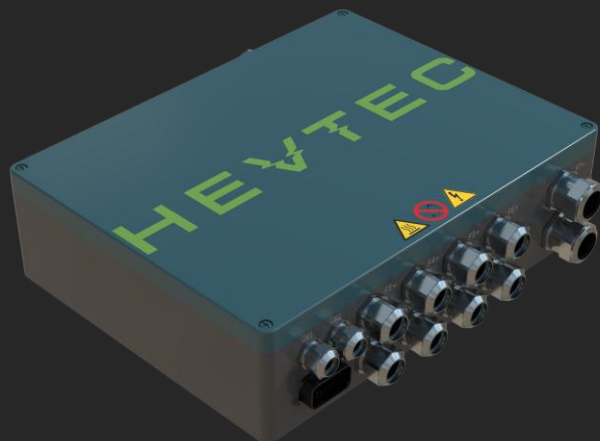


HEVTEC

RUNKO PDU SIZE M

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

Runko PDU size M supports CCS charging with total 13 fused outputs.

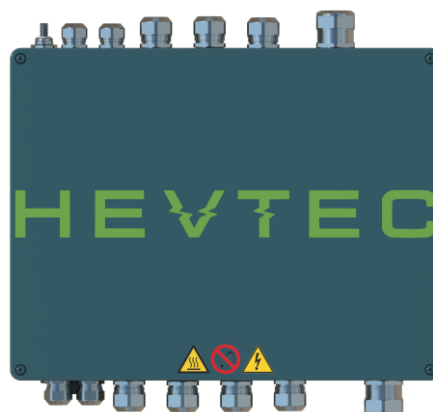
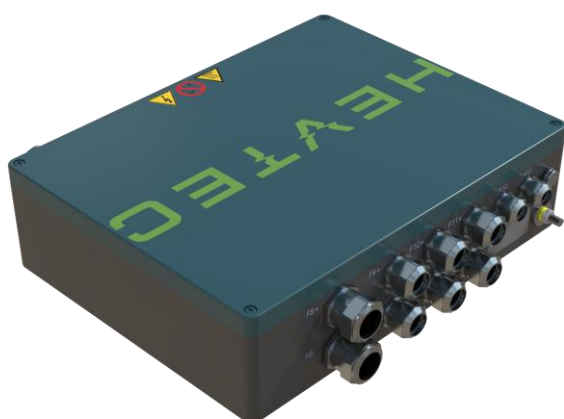


Ratings and measurements

Current rating, sum (cont./peak)	500 / 1000 A, dependent on ambient temperature
Voltage rating	1000 Vdc
Control voltage	12 - 24 V (8 - 36 V)
Dimensions	403 x 310 x 111 mm
Weight	10 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 M20-32 cable glands
Logic level	TE AMPSEAL 23-pole, mating part #770680-1
CAN communication	CAN J1939 250, 500 kBit/s

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 point, M8 thread
- Pressure balance element with membrane
- TRL: A-sample

Options

1. Insulation Monitoring Device (Bender iso175)
2. Custom color

Fuse Listing

Fuse sizes	Outputs total and Terminal#	Gland and Cable lug size
70–800 A	2 x 2 pcs: F7 and F8	M32 gland, M8 cable lug
70–200 A	2 x 7 pcs: F3 - F6 and F9 - F11	M25 gland, M8 cable lug
5–60 A	1 x 4 pcs: F1, F2, F12 and F13	M20 gland, M5 cable lug

Note: Use multicore cables in F1, F2, F12 and F13, e.g. 2x6mm². Gland reduction adapters available.

Dimensional drawing

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

A = 70 mm²
B = 95 mm²
C = 120 mm²

