

# COMPACT LIGHTWEIGHT HV PDU



**MTCON**  
NECT  
IVITY

Innovative, plug and play solution for delivering power to every critical load within the electric system – including traction and auxiliary load control.



Designed & produced in a cooperation of Uhandis, CVEP & MTCON.  
Contact us for more information at [info@uhandis.com](mailto:info@uhandis.com) and [info@cvep.de](mailto:info@cvep.de)

## FEATURES

- › 750 V max. voltage system
- › 350 A cont. & 500A max.
- › 2 X 100A max. current output
- › 400A max. current output
- › Pre-charge circuit
- › HVIL & manual disconnect switch
- › CAN & analog controls
- › Safety & status LEDs
- › Compact size (650x350x120 mm)
- › IP 67 modular design
- › Internal sensors (voltage, current, temperature)

## BENEFITS

- › Created with latest press-fit power element & circuit-board technology for a high quality lightweight & clean design
- › Modular: off the shelf tested, plug & play, scalable design
- › Designed to withstand harsh environments & temperatures
- › Small footprint for easy integration into existing designs
- › Custom auxiliary circuit power distribution & protection
- › Optional fast charging
- › Smart intelligent design and controls
- › Ease of maintenance for product longevity
- › Available off-the-shelf or customized to fit existing application

## ABOUT

**CVEP** is a worldwide operating developer of electrical and electronic products for the commercial vehicle industry. The company tailors their development concepts to customers' needs, significantly reducing the wiring effort and increasing efficiency in commercial vehicles.

**MTCN** develops and produces a broad range of innovative power elements for low and high voltage applications, fuse holders and relay sockets, and PCB connectors, in press-fit and solder versions. The company's innovative circuit board technologies and expertise brings power, speed, efficiency and durability in automotive, e-mobility, industrial, medical and many other industrial high tech applications.