



CyberCogs CC-PDU100 Combined Charging unit

HARDWARE SPECIFICATIONS

- **Dimensions:** 305w x 227d x 127h (mm)
- **PDU input:**
 - BMS input 140Kwatts at 425VDC maximum
- **PDU outputs:**
 - F-EDM output:** 120Kwatts
 - DC/DC & OBC input/output:** 14Kwatts
 - HVAC output:** 5Kwatts
 - Coolant PCT output :** 10Kwatts
 - Air PTC output:** 7.5Kwatts
- **Connectors:**
 - BMS input/output connector: HVSL1400022BXD8S6
 - F-EDM connector: HVSL1400022AXD8S6
 - DC/DC & OBC connector: 2141227-2
 - HVAC connector: 1-2103124-2
 - Coolant PTC connector: 2141227-1
 - Air PTC connector: 1-2103124-4
- **Safety Ratings:**
 - ASIL C compliant
 - FMVSS 305 Compliant
- **Functional Rating:**
 - SAE J1772 Conducting Charging standards

HARDWARE SPECIFICATIONS

- **Input Protection:**
 - Lid open detection switch
 - HVIL interlock on all connectors (Note: series wired)
- **Output Protection:**
 - Serviceable fusing on all outputs
- **Environmental:**
 - Operating temperature: -40 to 95 deg. C
 - Storage temperature: -40 to 100 deg. C
- **Package:**
 - Sealed Aluminum package with heatsink top
 - IP67 Rating
- **Mounting:**
 - 4 M6 or ¼-20 screws
 - Horizontal and Vertical Mounting
- **Cooling:**
 - Passive Conductive Heatsinking

ADDITIONAL FEATURES

- USA designed and manufactured



CyberCogs CC-PDU100 connector description (Front and Left sides)





CyberCogs CC-PDU100 connector description (Rear and Right sides)

