

● **Features**

- Ultra-High Reliability
- High Efficiency, up to 93%
- All-Around Protection; OVP, SCP, OTP
- Convection Cooling
- IP66 Design
- Supports Redundant Operations
- Thermal Management, Anti-Shock



● **Application**

- 450/500W e-Vehicle DC/DC power module with built-in intelligent control
- Traction, Mobile Applications, Electric-Vehicle, Electric-Bus

● **Model List**

Model	MVLDC450-11421	MVLDC450-11351	MVMDC450-11351	MVLDC500-11351	MVMDC500-11421
Power	450W	450W	450W	500W	500W
Input Voltage	30-65V	60-95V	80-126V	30-65V	50-126V
Output Voltage	14.2V	13.5V	13.5V	13.5V	14.2V
Output Current	32A	33A	33A	37A	35A
On/Off	Yes	Yes	Yes	Yes	Yes
Efficiency	90%	90%	90%	93%	93%
Operating Temp.	-40 to + 85°C	-40 to + 85°C	-40 to + 85°C	-40 to + 85°C	-40 to + 85°C
Cooling	Convection	Convection	Convection	Convection	Convection
Redundant Operation	Yes	Yes	Yes	Yes	Yes
IP Rating	IP66	IP66	IP66	IP66	IP66
Dimensions	190x76x43.5mm	190x76x43.5mm	190x76x43.5mm	190x76x43.5mm	190x76x43.5mm