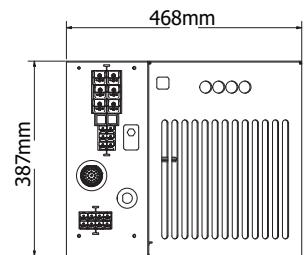
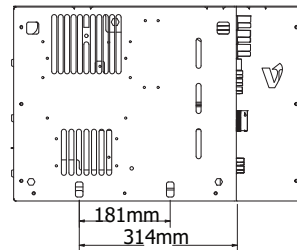
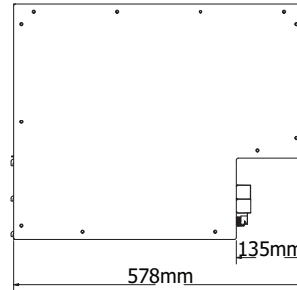


POWER DISTRIBUTION HUB 50  
(PDH 50)



WEIGHT 120lbs

FEATURES & COMPONENTS

The PDH 50 simplifies OE integration of advanced energy with a single-unit distribution hub, reduced wiring requirements and a lower footprint.

7,000W 240V  
INVERTER / CHARGER

- 7,000W Continuous at 25 °C
- Full 50A Shore power experience
- 120V or 120/240VAC Output in One Unit, regardless shore supply
- 15,000W Surge rating
- 6.6kW Charge Power
- 95% Efficient
- UL 458 & UL1741 Certified
- Able to support Level 2 SAE J1772 charging\*

51VDC - 12VDC  
CONVERTER

- 60-240A @13.8V ± .5VDC output\*\*
- Surge up to 50A, 10 seconds
- Efficiency 87%
- DC power supply can be adjusted in voltage and power up to 3kW

MPPT SOLAR  
CONTROLLER

- Solar input 500-2000W+\*\*\*
- Charging output 8A @51V
- Up to 97% efficient

DC PORTS

- 51V FLEX Energy Pack 1 DC +/-
- 51V FLEX Energy Pack 2 DC +/-
- 58V Alternator DC +/- OR FLEX PACK 3
- 12V DC Out +/-
- Solar DC +/- (up to 3)

AC PORTS

- 240V 50A AC Input
- 240V 50A AC Output

COMMS

- VPS FLEX COMM
- RVC Capable

BONDING CHASSIS  
GROUND

- 5/16 eyelet

FUSE RATINGS

- Inverter 120VAC feed fuse = 50 A
- Inverter 51VDC input fuse = 100 A
- DC converter fuses = 15A
- Solar controller fuses = 15 A
- Battery input fuse = 225 A
- Alternator input fuse = 200 A

\*Configurable option

\*\*Configurable to charge from a 12V alternator

\*\*\*Solar Solution can be adjusted depending on need