

# VOLTA POWER SYSTEMS

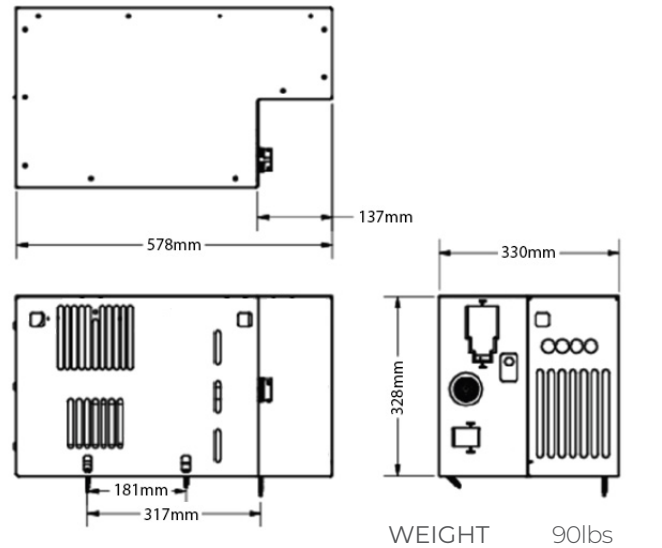
## POWER DISTRIBUTION HUB 30 (PDH 30)



**Volta** Power Systems

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### FEATURES & COMPONENTS

The PDH 30 simplifies OE integration of advanced energy with a single-unit distribution hub, reduced wiring requirements and a lower footprint.

#### 3000W INVERTER / CHARGER

- 30A - equivalent AC shore power experience
- 6400W Surge rating
- Quiet, light weight
- Automated safety features
- 2.8 kW charger
- Configurable low power sleep mode
- Adjustable charge rates in 5 amp increments

#### 51VDC - 12VDC CONVERTER

- 40A @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 8V-60V up to 500W\*
- Charging output 8A @51V
- Up to 97% efficient

#### DC PORTS

- 51V FLEX Energy Pack DC +/-
- 58V Alternator DC +/-
- 12V 40A DC Out +/-
- Solar DC +/-

#### AC PORTS

- 120V 30A AC Input
- 120V 25A AC Output

#### COMMS

- VPS FLEX COMM
- RV-C compliant

#### GND

- 5/16 eyelet

#### FUSE RATINGS

- Inverter 120VAC feed fuse = 30 A
- Inverter 51VDC input fuse = 100 A
- DC converter fuse = 2x 15A
- Solar controller fuse = 15 A
- Battery input fuse = 225 A
- Alternator input fuse = 200 A

*\*configurable to charge from a 12V alternator  
\*higher voltage and higher power buck-down MPPT controllers are available for systems that exceed low voltage standards*