

IP66-Rated Power Supply Solutions

ABSOPULSE D4 Series, 500W Output Power Range

ABSOPULSE Electronics offers a broad selection of heavy-duty power conversion products packaged in rugged, watertight die cast aluminum IP66 enclosures. The enclosures provide protection from the ingress of sand, dust, oil, salt, fog, insects and other environmental contaminants.

Output power

The D4 size IP66 enclosure accommodates any DC or AC input power converter, with a typical power rating of 500W. Higher ratings are possible, depending on input/output combination.

Typical designs

ABSOPULSE designs available in the D4 size enclosures include the BAP 319, BAP 319R, DCW 500, PFC 319, and RWY 500.

Cooling

Cooling is by internal conduction to the walls of the IP66 enclosure and by baseplate to an external chassis or cabinet wall, with additional convection via the outside surface. This enables operation within a -25°C to +55°C temperature range for full specification. Installation on a heat-sinking surface significantly improves cooling.

Ruggedizing

The internal boards are ruggedized and conformal coated for immunity to shock and vibration. Heavy ruggedizing or encapsulation are available for increased immunity.

Connectors

Options available include sealed circular connectors, cable glands or custom.

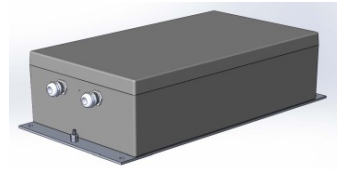
Mounting

By mounting flanges

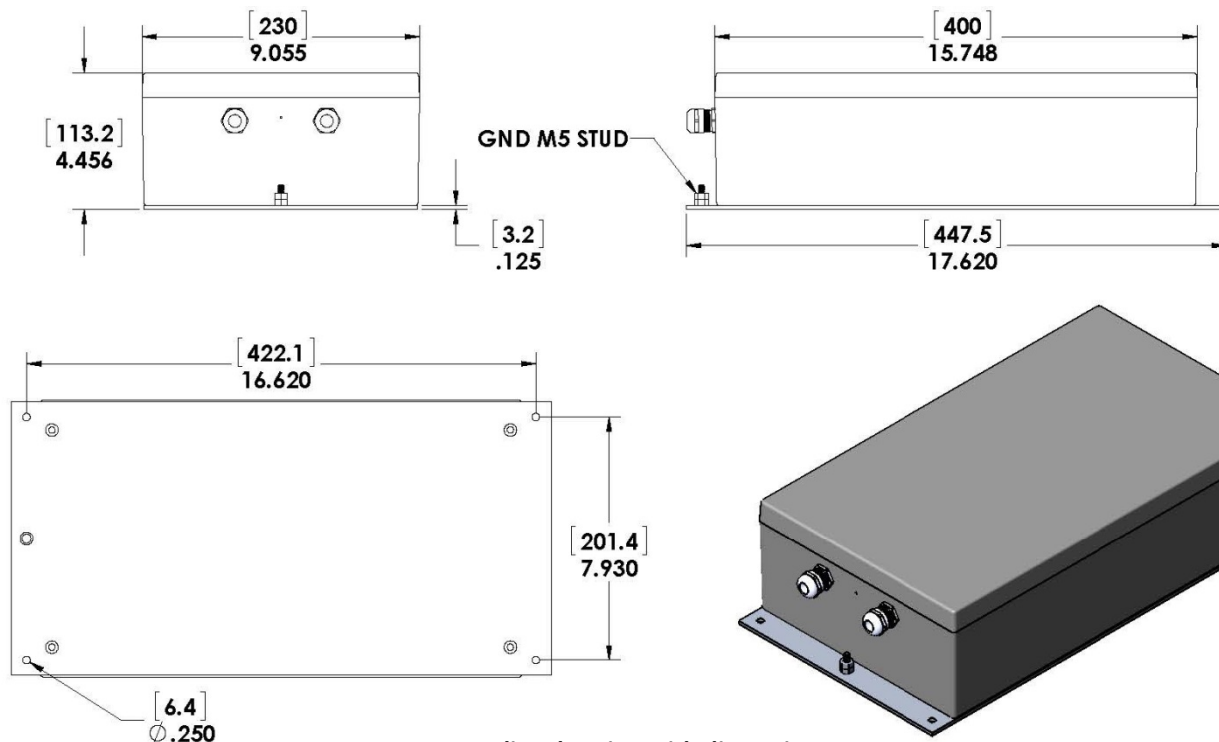
Weight

D4: approx. 8 kg (17.6 lb)
Weight includes internal module (unpotted)

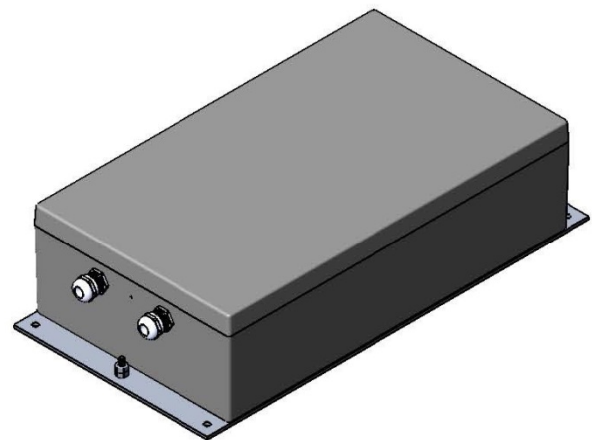
Enhancements to specifications are also available.



D4G version (IP66)
Sealed cable glands



Outline drawing with dimensions



Designer and manufacturer of rugged power conversion solutions for industrial and railway applications. Our product line includes DC-DC converters, AC-DC power supplies and battery chargers, DC-AC sine wave inverters, AC-AC frequency converters, UPS systems, complete power systems in 19" and 23" racks. Custom or standard. ABSOPULSE is a BABT approved facility. Established in 1982.



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