

## IP66-Rated Power Supply Solutions

### ABSOPULSE D1 Series, 100W/150W/250W

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 D1 size IP66 enclosure accommodates any DC or AC input power converter, with power ratings of up to 250W.

#### Typical designs

ABSOPULSE designs available in the D1 size enclosures include the RWY 100, RWY 200, RWY 300, DCW 100, DCW 150, MIW 150, CSI 30, CSI 50, CSI 100, POL 59P, OLC 59, and many others.

#### 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

D1: approx. 2.4 kg (5.3 lb)  
Weight includes internal module

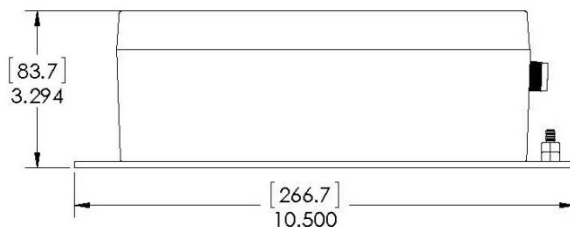
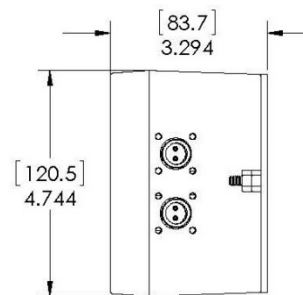
**Enhancements to specifications are also available.**



**D1M version (IP66)**  
Sealed circular connectors



**D1G 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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