

**DC/DC Converter Rack Mount (1RU)**



**FEATURES**

- 12, 24, 48, or 130 VDC inputs
- Wide Operating Temperature
- Height 1.75” (1 Rack Space)
- Lifetime Warranty

**DESCRIPTION**

The Rack Mount DC/DC Converter is an isolated DC power source designed to provide constant power to telecom and industrial equipment. A twelve position output connector provides convenient connection for up to twelve (12) Fiber Optic Link Cards or devices. The power supply consists of a DC/DC converter contained in a 19/23” rack 1RU enclosure. Green and yellow LED’s indicate AC input and DC output. The power supply will operate from -40° to +70°C (-40° to +158°F).

DC INPUT	DC OUTPUT	MAX OUTPUT	PART NUMBER
12V (10-20V)	24V	2.2A	8806-1457-01
	48V	1.1A	8806-1458-01
24V (21-32V)	12V	6.0A	8806-1455-01
	24V	2.2A	8806-1456-01
	48V	1.1A	8806-1466-01
48V (42-60V)	12V	6.0A	8806-1460-01
	24V	2.2A	8806-1478-02
	48V	2.2A	8806-1467-01
130V (100-180V)	12V	6.0A	8806-1450-01
	24V	2.2A	8806-1475-02
	48V	1.1A	8806-1476-01

Table 1

**INSTALLATION**

Mount the power supply in to the 19/23” rack using the four (4) bolts provided. Connect the DC source power to the “INPUT” terminal located at back left of the enclosure, see Figure 2. The DC power input is not polarity sensitive, therefore it is not marked plus or minus.

- The green ‘DC INPUT’ LED will come ON.
- The yellow ‘DC OUTPUT’ LED will come ON.

Connect the Fiber Optic Link Cards or Units to “+ DC Output” or “- DC Output” terminals. See Figure 2.

**WARRANTY / REPAIR:**

RLH power supplies are covered under a Lifetime Unconditional Warranty. Batteries carry a 5-year unconditional warranty. If a unit needs repair, call the RLH customer service department for a Return Material Authorization (RMA) number and return the defective unit with the RMA number, freight prepaid, along with a brief description of the problem. RLH will repair and return the unit at no charge.

**SALES & SUPPORT**

To place an order call RLH Industries, Inc. (800) 877-1672 or fax (714) 532-1885. Customer service is available M-F 6am-6pm (PST). For technical support out of normal business hours call (714) 366-2503 or (714) 457-5740.

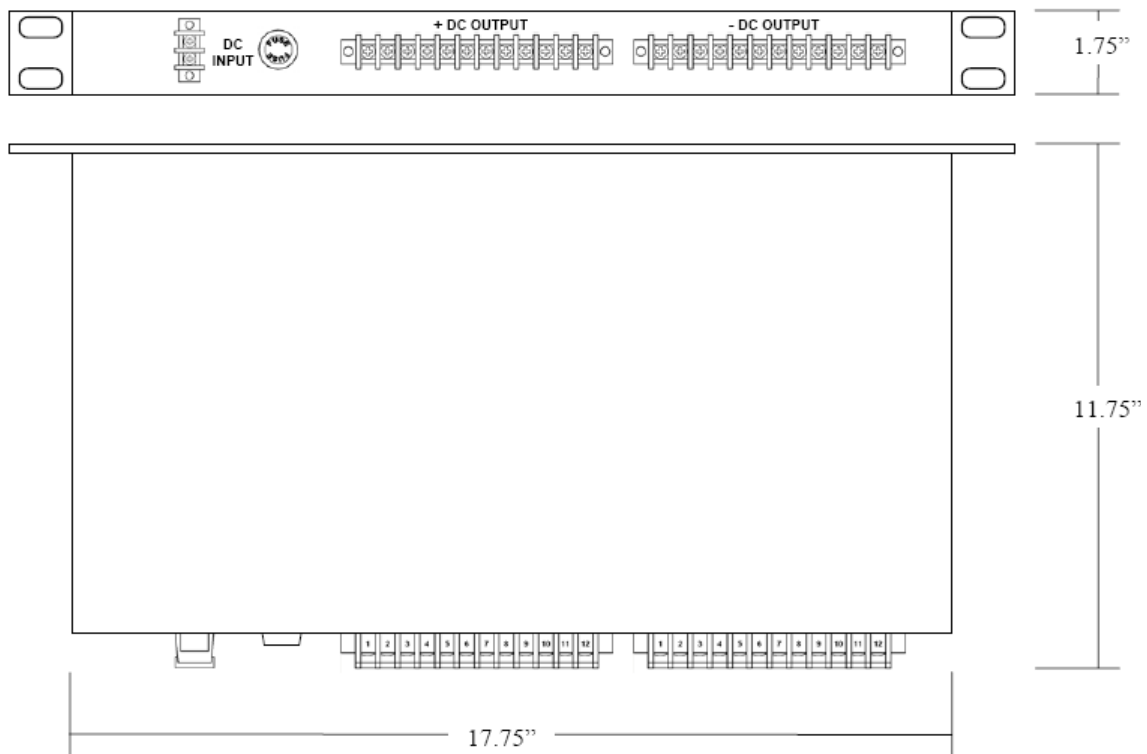


Figure 2

**SPECIFICATIONS**

DC Input Voltage:	See Table 1
DC Output Voltage:	See Table 1
Output Current Max.:	See Table 1
Input Fuse:	12V:10A, 24V:6A, 48V:3A, 130V: 2A
Operating Indications:	DC Input (Green), DC output (Yellow)
Housing Dimensions:	H1.75"xW17"xD11.5"
Operating Temperature:	-40°F to +158°F (-40°C to +70°C)
Warranty:	Lifetime