



Model 86LEddb Power Server



DESTINE

POWER SERVER Powered by *Beckett*

Overview

The DESTINE (Distributed Energy Storage Total Integrated Network Environment) Power Server, as the name implies, is the first product of its type that provides for an integrated LED lighting network environment utilizing Distributed Energy Storage (DES) that enables uninterrupted DC power to be supplied to dedicated lighting, surveillance cameras or other DC devices that need to remain active in event of an AC grid failure.

The DESTINE Power Server provides (24) RJ45 output jack connection channels rated 21.0-28.4VDC @ 5A maximum. Three channels are placed in parallel into a cluster, each with an LED indicator. A bright group consists of two output clusters that are electrically connected in parallel, but independently fused. Three of the light groups are for non-critical loads, and one bright group designated by a yellow frame on the Power Server is for uninterrupted power for critical loads.

Optional Remote Control Capability

The DESTINE Power Server can be equipped with an optional remote control capability that, when a remote signal is received, can disable the first three bright groups (channels 1-18) while allowing channels 19-24 to continue to receive power for uninterrupted critical loads.

Local Disable Switch

A local disable switch is located on the back of the DESTINE Power Server that can disconnect power from all 24 output channels, including the uninterrupted critical loads.

Mounting Options

The DESTINE Power Server can be mounted in a standard 19 inch relay rack with the provided mounting brackets or can be placed on a shelf or in a drawer.

Interconnection Cables Included

The DESTINE Power Server comes equipped with (2) power cables to connect the Power Server to an external DC power supply, (1) power cable that connects the Power Server to the external battery charger, (1) power cable that connects the Distributed Energy Storage System to the Power Server, and (1) control signal cable from the Distributed Energy Storage System to the Power Server.

Specifications

Input Voltage:

DC Power Supply: 26.5-27.5VDC, 30A per input
DC Charger: 21-28.4VDC, 15A max
Dist. Energy Storage Input: 21.28.4VDC, 30A max

Output Voltage/Current:

21.0-28.4VDC, 5.0 A max per RJ-45 jack, 7.5A max per cluster, 15.0A per bright group, 60.0A max per DESTINE Power Server.

Dimensions:

Width: 16.85" x Height: 3.35" x Depth: 24.6"

Weight:

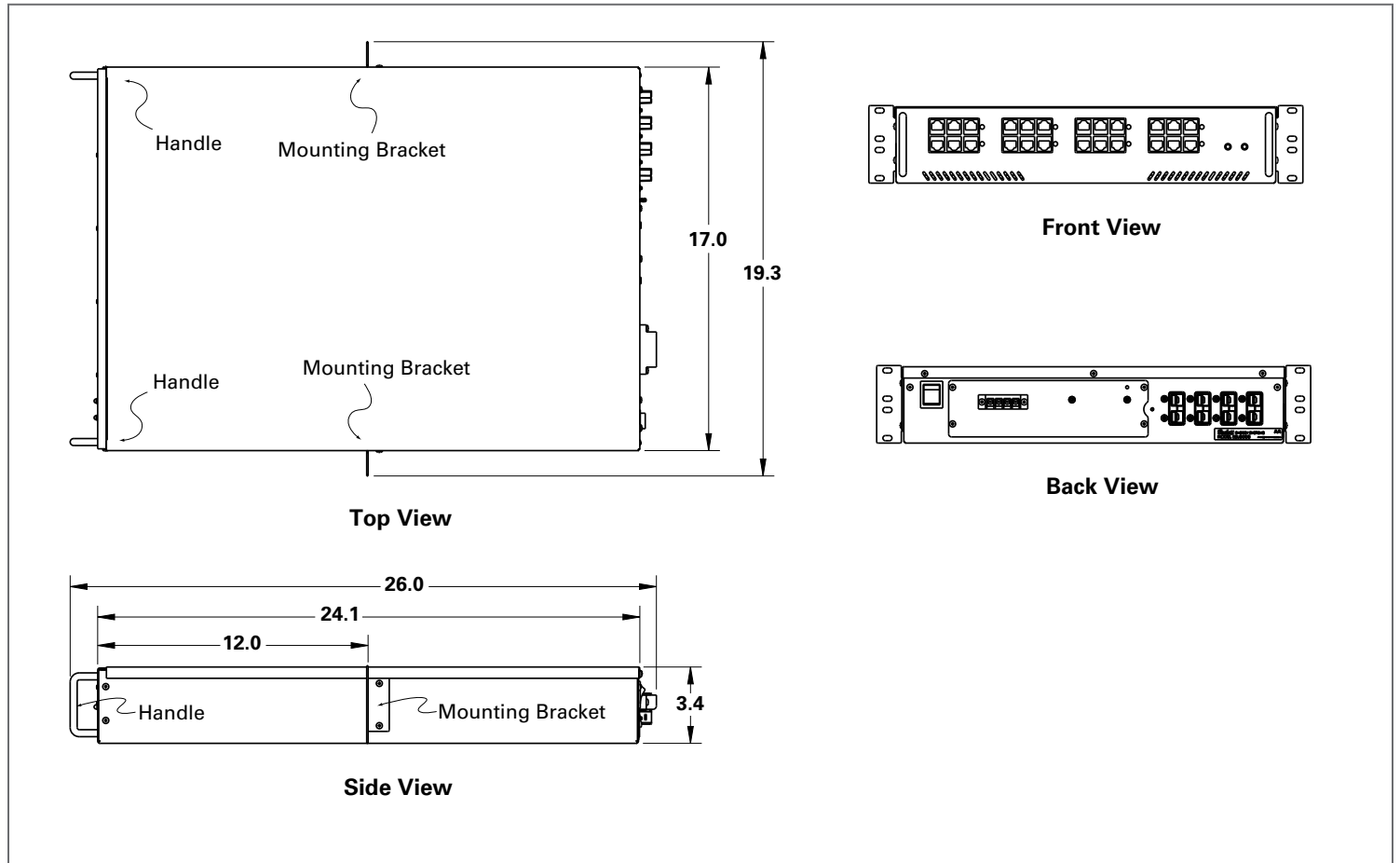
Approx. 20 lbs.

Operating Temperature:

0°C (32°F) to +40°C (104°F)

Storage Temperature:

0°C (32°F) to +40°C (104°F)



LED Lighting IQ

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