

Acme NonStop *Power*

for Every Mission



**Dedicated Battery/Charger
(DBC) for Integrated Standby
Flight Display (ISFD)**
Part No. 312BS101-1

Battery Backup System Ensures Continuous Support and Protection

Acme Aerospace's Dedicated Battery/Charger (DBC) for Boeing's Integrated Standby Flight Display (ISFD) is a self-contained backup power system designed specifically to protect today's state-of-the-art integrated standby flight systems. Acme's DBC provides an emergency power source for an aircraft's avionics. A DBC becomes the critical link in a properly designed standby display system. The built-in charger/monitor fully conditions and maintains the high power capability of the sealed lead acid battery.



Dedicated Battery/Charger

Part No. 312BS101-1



Electrical

Input Power Requirements		28Vdc Type II
Input Voltage		28 VDC Nominal
Input Current		3.5A (Max)
Pass-Through Current		0A (Min) – 1.2A (Max)
Output Power:	On-Line On Battery	Input Voltage Minus 1.0V 24VDC Type II
Battery Capacity		3Ahr End-of-Life (150 Minutes At Full Rated Load, 20°C)
Recharge Time		150 Minutes Maximum (Between 10°C and 65°C)
Battery Change		Every 3 Years

Environment

Operating Temperature	Convection Cooled (-15°C to 65°C)
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Physical

Height	8.00" (20.32cm) Max
Width	2.35" (5.97cm) Max
Depth	12.75" (32.39cm) Max
Weight	11 lbs. (5-Kg) Max
Connector	ITT Cannon ARINC 404 DPXBMA-10-34S
Usage	Boeing 737, 747, 757 & 767 ISFD System



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