



Specification Sheet

IPS + USB - iPad

(Integrated Power Supply + USB – iPad)



Part Number: 213013-2

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Integrated power Supply

Date: 10-Jan-14

Part Number 213013-2

Revision: A

Description: The Integrated Power Supply – is an on-board Apple iPad charger designed to meet with Apple iPad charging criteria for maximum charging capabilities.

Benefits:

Tested: Meets EASA TGL-36 Requirements

Meets FAA AC 120-76B

Meets MIL-STD-461 “EMI” Standards

RTCA DO-160G: Section 7(B), 8(S), 15(A), 17(B), 18(R), 19(BCX), 20(TT), 21(MM), 25(A)

Compliant: Avionics Support Group is an Apple MFI Developer.



Compatibility: Works with all iPad models

Features:

Inputs: 28VDC @ 1.3 AMP Max - Over Voltage Protection

Outputs: 5.2VDC @ 30W Max - Short Circuit Protection - Over Current Limiter (IAW Apple MFI)

Dimensions: 3.25” (8.3cm) L x 2.25” (5.7cm) W x 1” (2.5cm) H

Weight: 8.2oz/233g - Aviation Grade Aluminum Housing(6061-T6)

Mating Connectors:

J1 (Input): P/N: M24308/4-1F

Pin 1 – Power 28VDC,

Pin 2 - Ground

Pin 3 - Chassis

Pin 4 - Inhibit

J2 (Output): P/N: M24308/2-1F

Pin 1 – Power 5.2VDC @ 30W Max

Pin 2 – Ground

Pin 3 – Chassis

Pin 4 - Sense (-) White

Pin 5 - Sense (+) Green

J3: Standard USB 2.0 Port (for charging ONLY)

Installation: 8 Feet/ 2.4384 Meters - Maximum distance between IPS and Tablet

Mounting Holes: Four (4) each # 4 - 40

Hole Location:

