

Overview

Amphenol PCD's Qi2 wireless power module incorporates the latest Qi2, single coil, charging protocol with magnetic alignment, resulting in a smaller, lighter and more efficient charging surface than the previous coil Qi1X standard. Amphenol PCD's Qi2 wireless module also contains NFC, allowing the end customer to configure data collection for multiple use cases. As more devices move to wireless, let the latest and greatest wireless power module update your passenger experience.

Features

Qi2 Standard + NFC
Single coil magnetic alignment
Over temperature, over current, FOD and RFID protection
DO-160 compliant
Boeing D6-36440 / Airbus ABD0100 ready
FCC (Part 15/18)
Field upgradeable firmware

Specifications

Electrical	
Input Voltage	28VDC \pm 10%
Input Current	0.70A, Nominal @ 28V, 0.90A Maximum
Output Power Rating	15W
Standby Current	< 50mA
Average Sleep Current	< 50uA
Efficiency	85% minimum efficiency MPP
Magnet	Qi 2.0 N48H Magnet
Physical	
*Approximate Weight (grams)	250
*Approximate Dimensions (mm)	(120 X 90 X 15)
Interface	USB 2.0 HID system interface
Operating Temperature	
Upper Limit	+55C
Lower Limit	-15C