

# 32187-PS

## Inductive Wireless Charger

Inductive coupled pair consisting of a “Transmitter” and “Receiver” each with a small, flat coil. Designed to charge phones, players etc. Transmitter unit takes the DC input power and converts it to a AC signal which is coupled to the receiving unit that converts it back to DC. 2-3/8” power leads.

Power available is proportional to the distance & alignment the coils.

Input: 13.5VDC max 12V nominal

Output: 5VDC @ 600ma Max

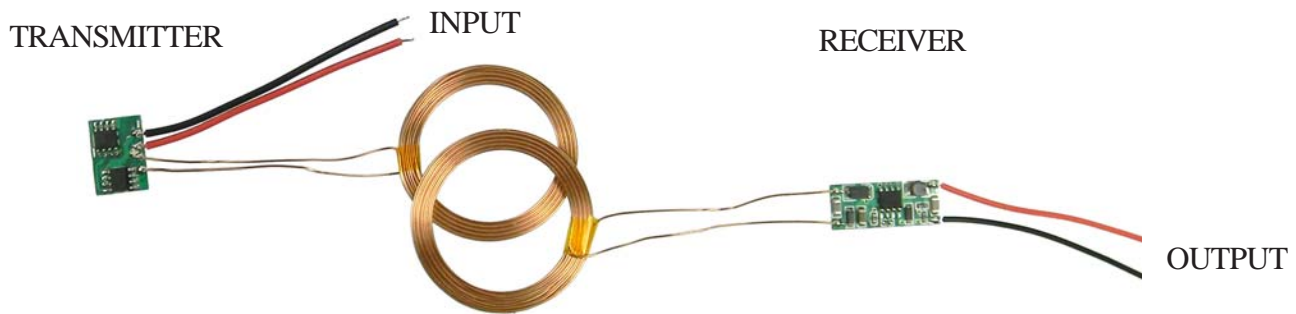
T/R Range: ~18mm

Coils: 1-9/16” O/D X 1-3/16” I/D X 3/32” thick

**Rec: L: 15/16” W: 3/8” HT: 1/8”**

**Trans: L: 5/8” W: 7/16” HT: 1/8”**

**WT: .03**



Gap	Output
1mm	~600mA
3mm	~350mA
5mm	~240mA
7mm	~160mA
10mm	~120mA
12mm	~70mA
15mm	~25mA
18mm	~10mA

### TRANSMITTER

RED: +12VDC

BLACK: -12VDC

### RECEIVER

RED: +5VDC

BLACK: -5VDC

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