



The **WCPS-R-30™** should be specified in the project documents under section “14518”. The engineer should use wording similar to the following.

Protection for wireless in-ground charging systems as shown in the drawings and details, shall be the Wireless Charging Protection System (WCPS™) as manufactured by Jordahl® and detailed in WCPS-R-30 Specifications.

Channel Sections:

Primary Channel and Extension Channel

- Max. channel length: ~ 7.50 Mtr (295’)
- Material thickness: 2mm (.08’)
- Material type: 1.0226 (Z275) Steel
- Coating: Galvanized
- Depth: 30mm (1.25’)
- Width Outer: 170mm (6.7’)
- Width Inner: 75mm (3’)
- Length: 3000mm (118’)
- Weight: 24.9kg (54.9 lbs) *including covers below

Channel Cover(s):

Channel Sections Protective Cover

- Static Load: 15kN (3,372lbf)
- Thickness: 6mm (.25’)
- Material type: 1.0122 (S235JRC) Steel
- Coating: Galvanized
- Dimensions: 1000mm x 120mm x 6mm (39.5” x 4.75” x .25’)

Charging Coil Housing:

Housing of the Charging Coil/Pad

- Depth: 30mm (1.25’)
- Dimensions: 350mm x 328mm x 30mm (13.75” x 13” x 1.25’)
- Thickness: 2mm (.08’)
- Material type: 1.4301 Stainless Steel
- Weight: 2.2 kg (4.85 lbs)

Charging Coil Cover:

PCX Charging Coil Protective Cover

- Dynamic surface pressure: 8MPa
- Certified static load 15kN (3,372lbf)
- 13mm (.5”) magnetic interference free cover capable of 100% power throughput
- Highly resistant to common industrial cleaning chemicals and substances.
- Weight: 4.3kg (9.5 lbs)

Certifications & Ratings:

- IP65 Rating
- CE Certified
- VDE Certified (DIN EN 50085-2-2)
- Flame retardant cover plate (Bfl-S1)

Blaine Transue

WCPS Account Manager
1-760-750-2205
blaine.transue@jordahlusa.com



Jordahl USA, Inc.

34420 Gateway Drive
Palm Desert, CA 92211
1-866-332-6687
jordahlusa.com