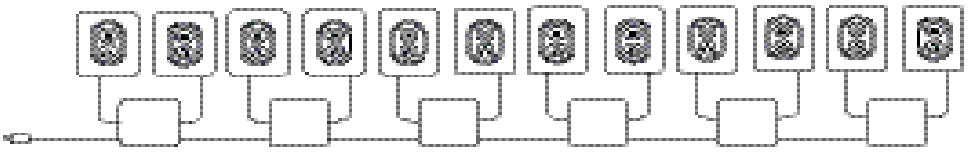
Obee planning guide

Table of contents

Electrical

Overview

- **Note**: It is important to level each unit before connecting power and ganging modules together
- Maximum units per infeed: 12 power units or 10 distribution blocks, whichever comes first
- 50′ max from infeed location. Infeed can start at end, or middle of the run

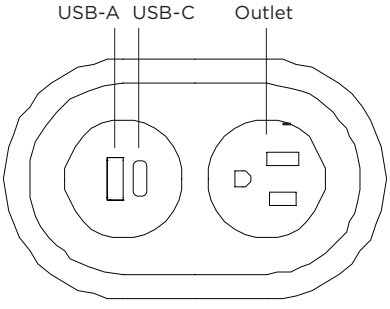


Infeed
shown in end location

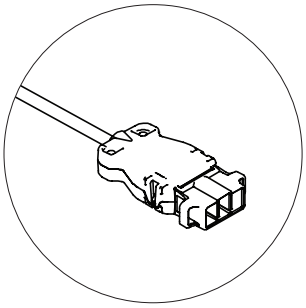
50′ max length

Power modules

- Power modules come pre installed on the seat
- Power module includes one outlet, one USB-A/USB-C charging port
- Power supply includes a 36″ cord
- Power supply end connects to distribution block port that accepts power supply



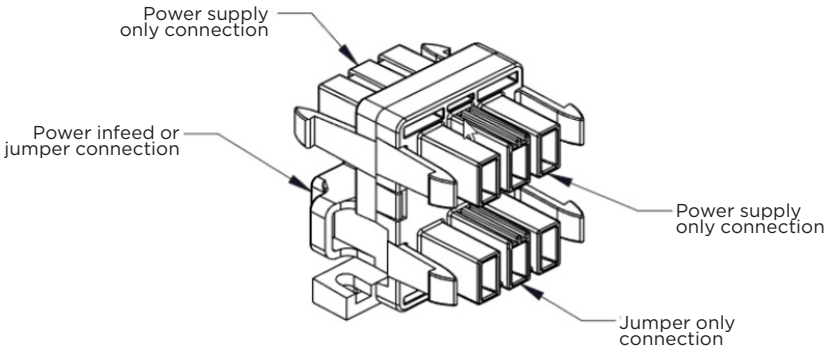
Power module face



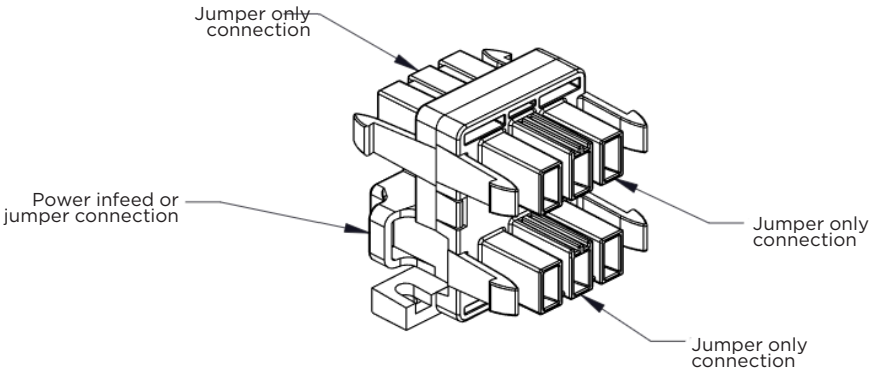
Power module
connecting end

Distribution blocks

- PS-GDB (gray distribution box) is used to connect power modules to the run of jumpers
- PS-BDB (black distribution box) is used to create connect jumpers for longer runs, and for connecting infeeds when power start is in the middle of a typical



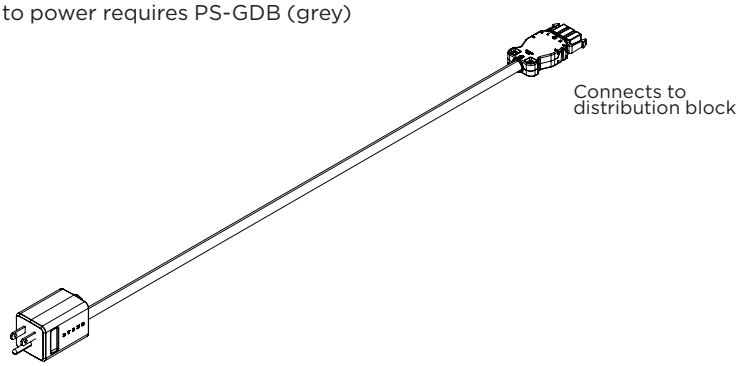
PS-GDB



PS-BDB

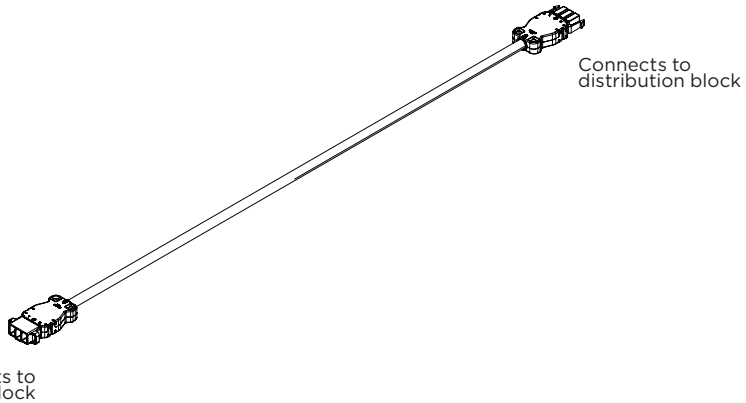
Infeeds

- PS-MPW length: 138″
- Plug and play with straight plug
- 15 amp circuit breaker
- Infeed connects to distribution block port that accepts power supply
- Infeed to jumper/jumper requires PS-BDB (black)
- Infeed to power/jumper requires PS-GDB (grey)
- Jumper to power requires PS-GDB (grey)



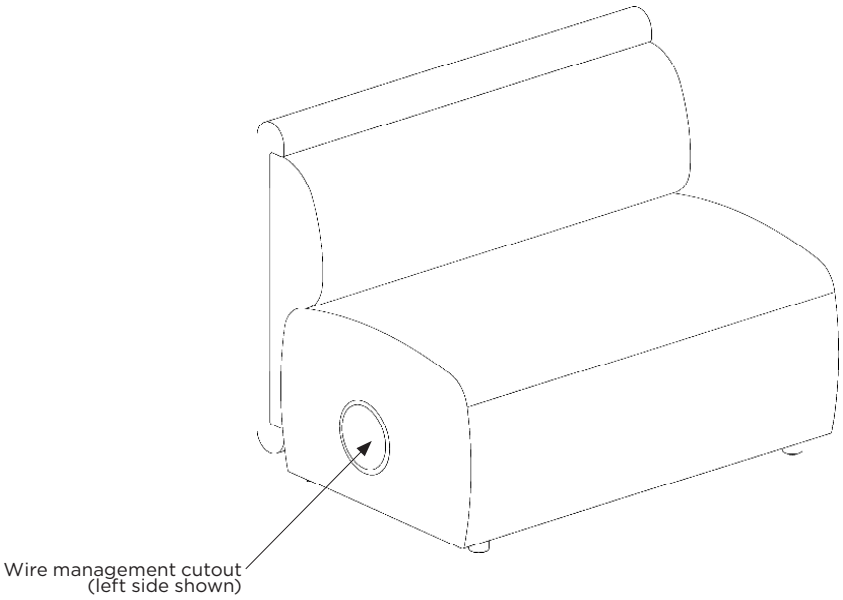
Power jumpers

- Jumpers available in lengths of 54″w, 60″w, 84″w
- Use JP-SC54 (54″w) in straight modules
- Use JP-SC60 (60″w) in 90° corner modules
- Use JP-SC84 (84″w) in 120° corner modules
- PS-BDB (black distribution box) is used to connect jumpers for longer runs, and for connecting infeeds when power start is in the middle of a typical
- Jumper connects to distribution block port that accepts power supply
- Jumpers will manage through Obee modular seating units when wire mangement is specified



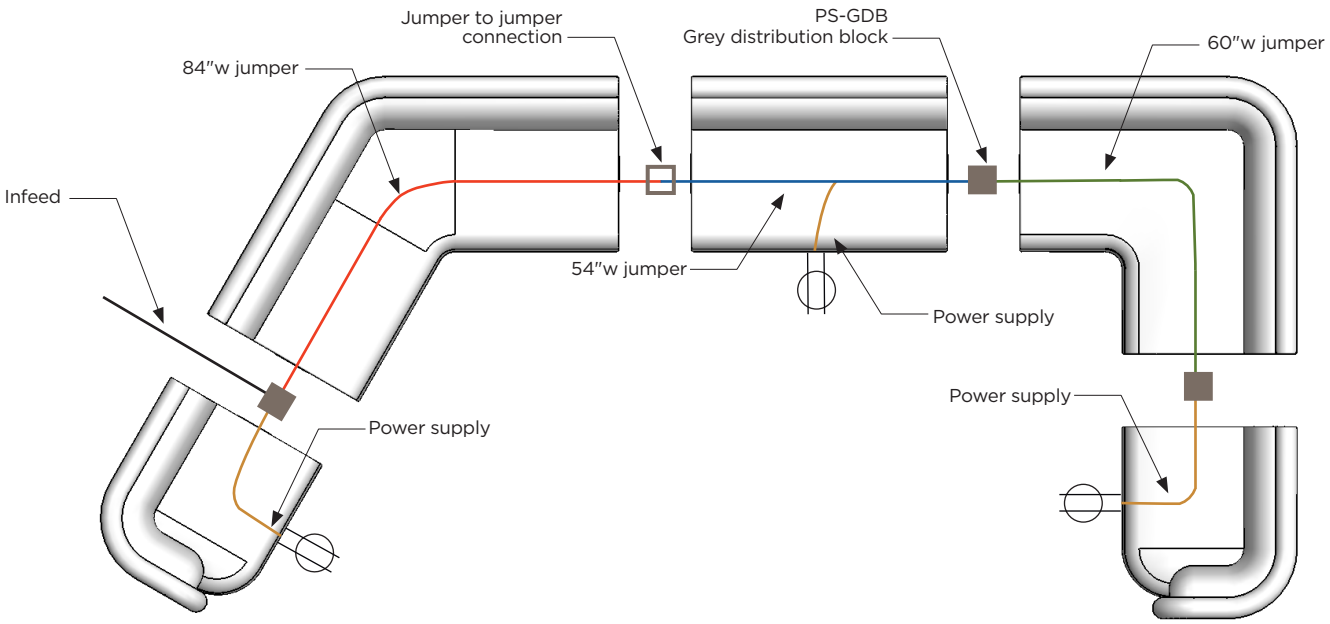
Wire management cutouts

- Wire management cutouts are used to run jumpers from one seat to the next
- Cutouts for end models are only available on connecting end
- Cutouts for center models can be specified on left side, right side, or both



Power planning - infeed end start

- Example of when power starts at the end of a layout
- Uses all PS-GBD modules
- The ends of corner and center seats are unfinished, and must be specified with an end unit



Power planning - infeed center start

- Example of when power starts at in the center of a layout
- Uses PS-BDB modules for power start, and PS-GDB for jumper and power connections
- The ends of corner and center seats are unfinished, and must be specified with an end unit