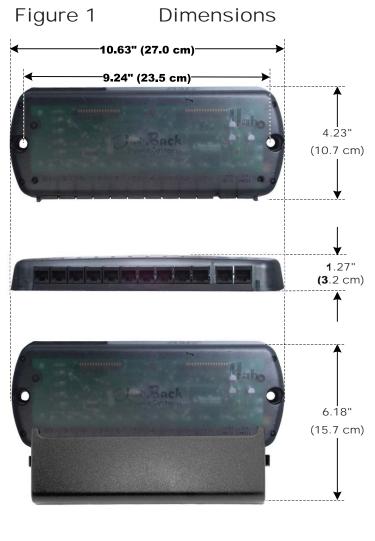


# HUB10.3 Communications Manager



Contact Technical Support:
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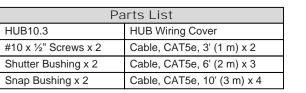


IMPORTANT:
Not intended for use with
life support equipment.

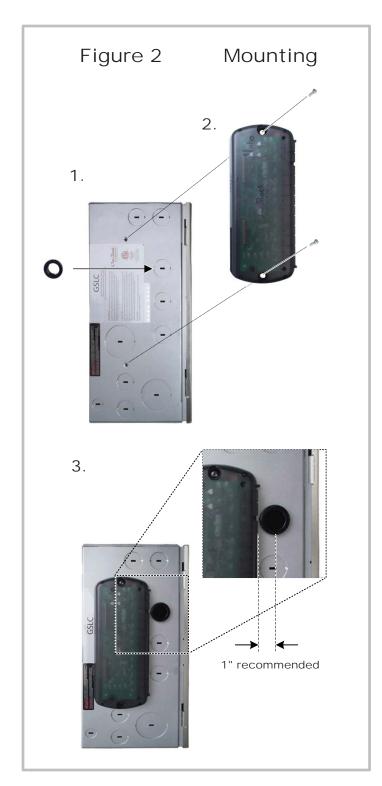
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#### Date and Revision

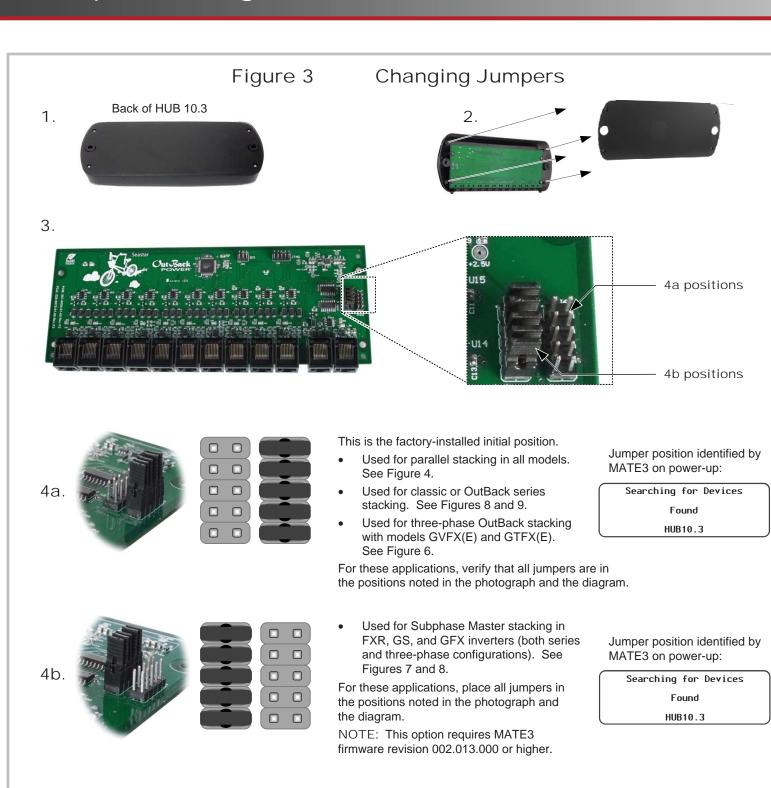
July 2016, Revision E



NOTE: See inverter literature for more information on stacking modes and designations.



### Jumper Configurations



Used for three-phase OutBack stacking with FX, VFX, FX(E) or VFX(E) inverters. See Figure 5.

For this application, place only two jumpers in the positions noted in the photograph and the diagram.

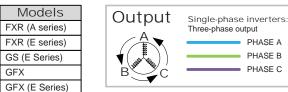
Remove all remaining jumpers. No others are used for this configuration.

Jumper position identified by MATE3 on power-up:

Searching for Devices HUB10.3 Sub-phase Master

#### Figure 8

### Three-Phase Stack (Subphase Master)



**Jumper** position (see Figure 3)



Inverter Stacking

Inverter Stacking

Master (port 1 only)

Slave (port 2) Also ports 3, 5, 6, 8, and 9

Inverter Stacking

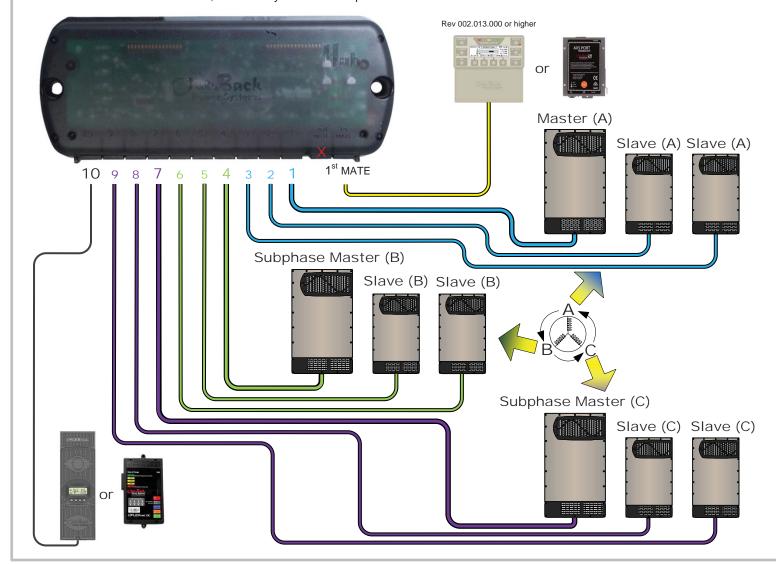
Subphase Master (port 4)

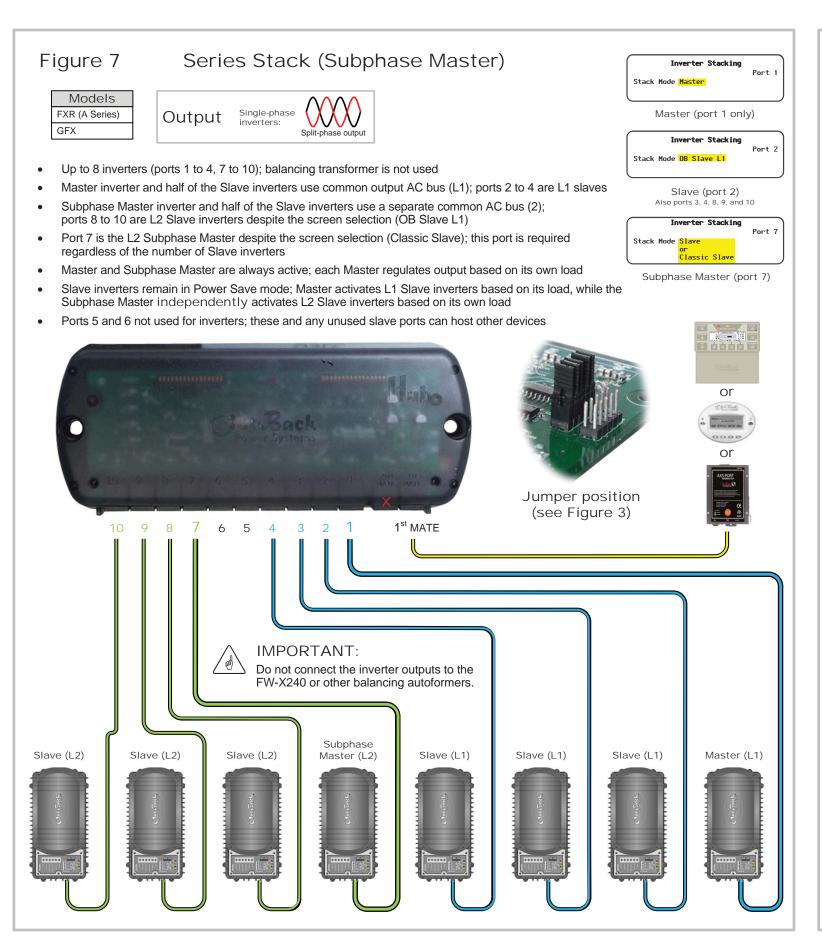
Inverter Stacking

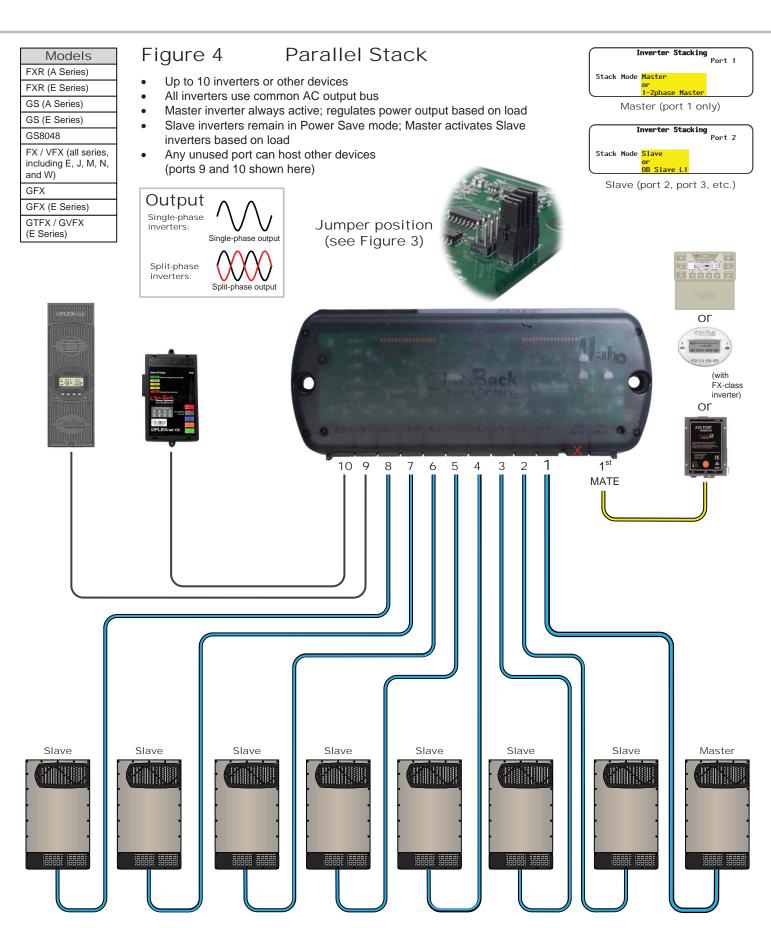
Subphase Master (port 7)



- Up to 9 inverters (ports 1 to 9); 1 other device (port 10); MATE3 only
- Master inverter (required on port 1) and up to two Slaves (ports 2 & 3) use Phase A output AC bus
- Subphase Master (required on port 4) and up to two Slaves (ports 5 & 6) use Phase B output AC bus
- Subphase Master (required on port 7) and up to two Slaves (ports 8 & 9) use Phase C output AC bus
- Phase A, B, and C Slave inverters should be equal in number; Slave selection screen may display Slave but could display OB Slave L1 depending on model
- Master and Subphase Masters are always active; each Master regulates output based on its own load
- Slave inverters remain in Power Save mode; the Master activates Phase A Slave inverters based on its load, while the Subphase Masters independently activate Phase B or C Slave inverters based on their own loads
- Port 10 not used for inverters; this and any unused slave ports can host other devices







## Stacking (Three-Phase)

