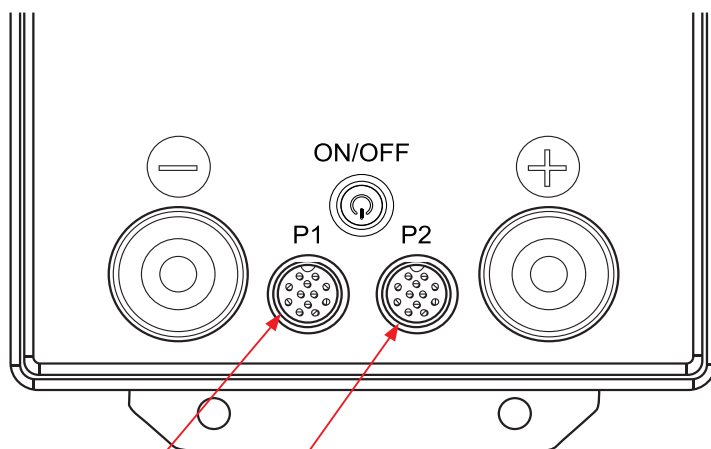


Communication Port Instructions

1. Along with Bluetooth, your battery is fitted with communication ports which can be used for communication with a compatible inverter or smart device.
2. If your installation needs to be compliant with AS/NZS 3001.2.2022, then contact Amtron for advice on meeting the monitoring requirements. An optional monitor can be connected using the P1 interface port on the battery.
3. To connect the AT-BMSMON-2.4-COL-RS485-AV01 battery display, choose the "RS485 MODBUS RTU – JBD Amtron custom - SUP - Parallel" (for single or parallel connected batteries) or "RS485 MODBUS RTU – JBD Amtron custom - SUP - Series" option (for series connected batteries) on the "Protocol Selection" page.



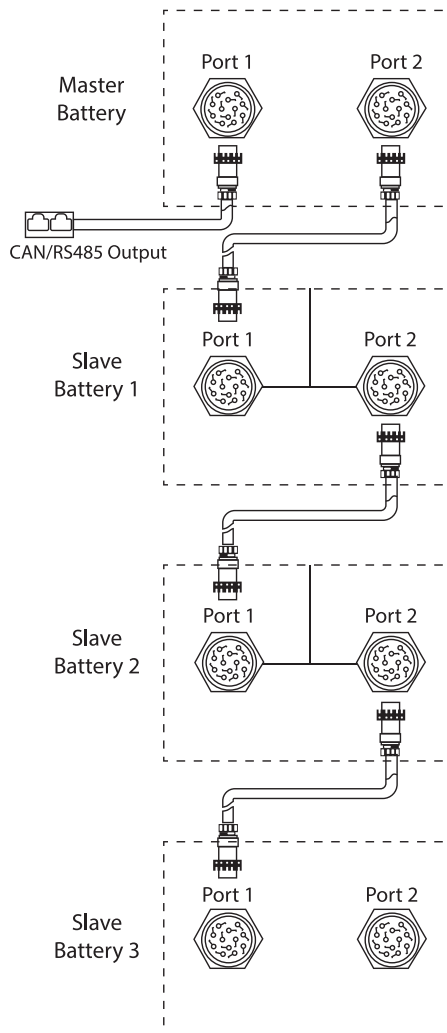
Data Port Connection For Parallel Operation
See next page

Data Port Connection For RS485 (PC or optional monitor) / CANBUS.

Please contact Amtron support for pin out diagram, communication protocols and cable options.

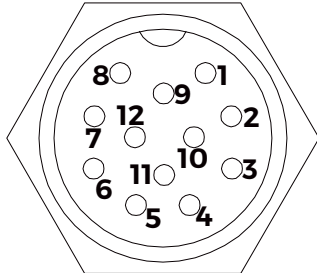
Parallel Communication Instructions

1. Batteries connected in parallel are also able to communicate with an inverter or smart device, via the connection to the master device.
2. The digram below shows how multiple batteries should be connected in a master, slave arrangement, with port 1 on the master battery being the link between the battery bank and the connected equipment.

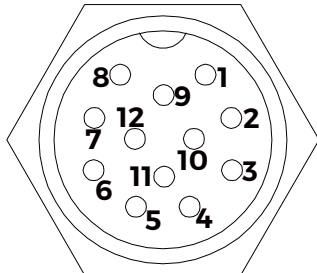


PIN DEFINITION

P1 Port -GX19 Male Socket

PIN	Definition	Port Description	Top View
1	RS485-B1	CAN/RS485/Power	
2	RS485-A1		
3	CANH1		
4	CANL1		
5	GND		
6	VCC-12V		
7	/	Parallel communication port: IN	
8	/		
9	RS485-B1		
10	RS485-A1		
11	/		
12	/		

P2 Port -GX19 Male Socket

PIN	Definition	Port Description	Top View
1	/		
2	/		
3	/		
4	/		
5	/		
6	/		
7	/	Parallel communication port: OUT	
8	/		
9	RS485-B1		
10	RS485-A1		
11	/		
12	/		