

PM235J-NODE & PM200-BTJ QUICK GUIDE



Phone App

PM235J Transformer Unit



PMBTJ-02 Bluetooth Node
(PM235J-NODE system only)

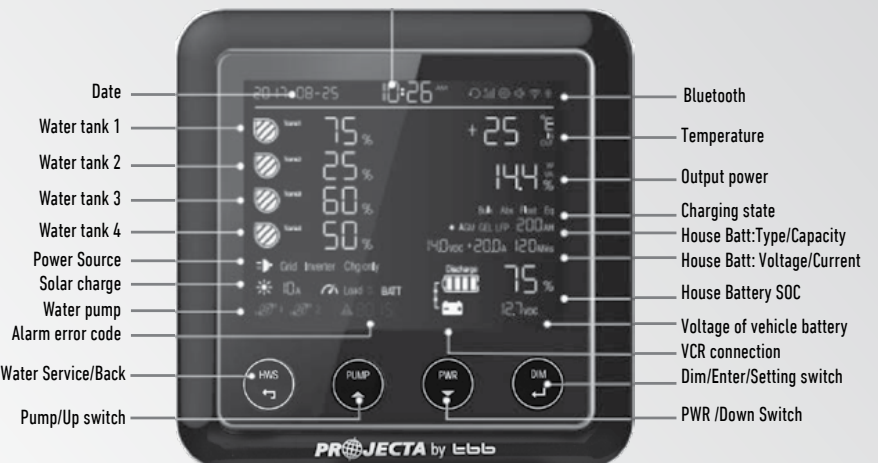


PMLCD-BTJ LCD Screen
(PM200-BTJ system only)

KEY FEATURES:

- Smart battery charger 12V 35A (30A for charging current)
- Multi-chemistry supports Wet, Gel, AGM and Lithium batteries
- Multi stage adaptive charging algorithm
- Active Power Factor Correction (PFC) charging
- Temperature/voltage compensation charging
- Solar charge controller (PWM), 30A
- 14 built in fused outputs
- Charging from Alternator at 12V 60A - 60A continuously, 100A 30mins
- Low battery voltage protection
- Built-in battery switch to isolate the battery when in storage
- Built-in shunt for precise battery measurement
- 1 water pump control with up to 4 connections for water sensors
- Thermal control fan

LCD MONITOR OVERVIEW:

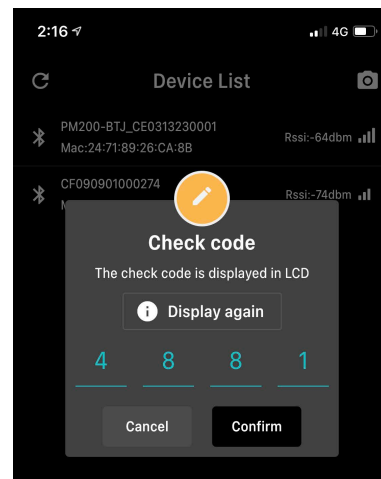


CONNECTING TO A SMART DEVICE (BLUETOOTH)

1. Go to your smart device's App Store (iPhone/iPad) or Play Store (Android) and search for the Jayco "IntelliJay PM200-BTJ" app. Download this app to your smart device.
2. Ensure Bluetooth is enabled on your smart device and that permission is granted for the app to use Bluetooth and discover new connections.
3. Open the app and it will begin searching for either your PMLCD-BTJ LCD monitor (for PM200-BTJ systems), or your PMBTJ-02 Bluetooth node (for PM235J-NODE systems). When it shows up in the device list, tap and you will be prompted to enter a pairing code.
4. This pairing code will be displayed on the LCD monitor/screen of PM200-BTJ systems. For PM235-NODE systems, the pairing code is the last 4 digits of the serial number located on the side of the PMBTJ-02 Bluetooth node. Enter this code on your smart device and confirm.

If your system does not show up in the device list, ensure the following:

- You are within close enough proximity to the LCD monitor or Bluetooth node.
- The LCD monitor or Bluetooth node is properly connected to the PM235J transformer and operational
- Your smart device operating system is up to date (iOS 8.0 and higher, or Android 4.4 and higher)



USING THE INTELLIJAY PM200-BTJ APP

1. Once you have established a paired connection with your smart device, the app will take you to its home screen where you may see a variety of system parameters.
2. It is now important to select your battery type, to ensure ideal charging and system operation. To do this, tap the white settings cog/gear down the bottom of the screen. Note: depending on your device, you may need to scroll to reveal this menu. Tap the down arrow under "Type". Choose your battery type from the list – AGM, GEL, LFP (lithium) or WET. Next, it is important to set your battery capacity in amp hours (Ah). You can find this information printed on your battery. Tap the right arrow under "Capacity" to specify your battery capacity.
3. It is also recommended that you update your PM200-BTJ or PM235J-NODE system to the latest firmware – this can be done by via the update function in the settings menu (your system may already be up to date). Please ensure you remain in close proximity to the system and do not disconnect power to the system or your phone during an update.
4. From the home screen, the PM200-BTJ app allows the user to remotely monitor key aspects of the power system from the convenience of their phone or tablet, as well as remotely switch on or off power to the output load, hot water system and water pump.

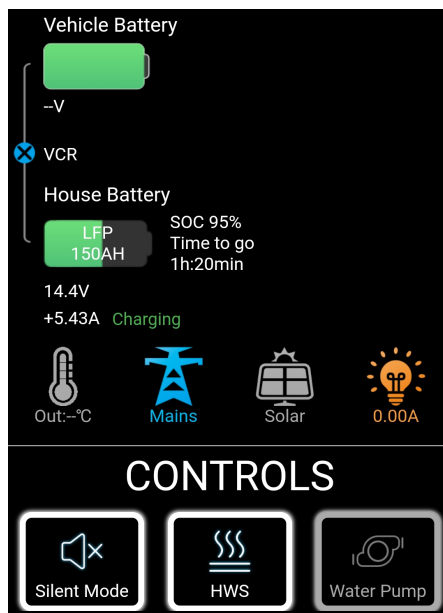
The following information is displayed in the app's home screen:

- House battery SOC, volts, amps, time remaining and temperature
- Vehicle battery voltage
- Charging mode/status
- Power input source (grid, solar/PV or VCR)
- Water tank levels (when sensors connected/installed/operational)
- Load, hot water system and water pump status and power buttons

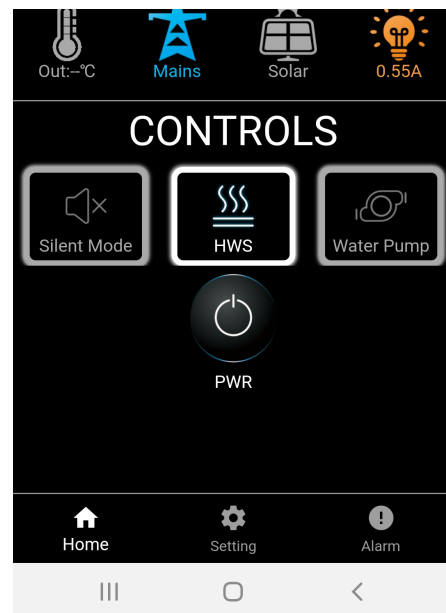
Note: The power button may be used to turn output load power on or off, resulting in startup or shutdown of all appliances and lighting wired to outputs on the PM235J transformer. This switch only affects output load - the app will continue monitoring parameters and retain its Bluetooth connection to your smart device, even with the load off.



Settings menu with battery parameters



Home screen with icons and controls



Power button, controls, settings icon