

# JAYCOMMAND

powered by  **BM PRO**

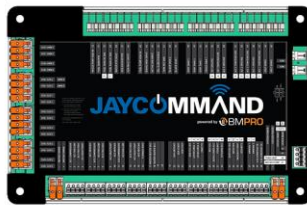
## CONTROLLER POWER GUIDE

# JAYCOMMAND

powered by  **BM PRO**



**CONTROLLER**



**NODE**



**APP**



**SWITCH**

## SYSTEM COMPONENTS

This guide outlines the charging and discharging attributes of the JAYCOMMAND Controller.

## Normal Operation



## Discharging

Controller Status	Discharging Time	
OFF with 100% Battery	195 days	The Controller turns OFF 10 seconds after the system power is turned OFF or removed, to reduce the battery discharge level
ON with 100% Battery	3 hours	There are only 2 conditions  The controller is ON only when there is power to the system for most situations.

## Reasons for which the Controller battery to discharge

1. The controller was manually turned ON and left ON.
2. Controller tablet Issue: if the system is powered ON and then OFF (Power is connected and then removed) before the initial BMPRO screen is seen on the Controller, the controller may remain turned ON until the system power is recycled.

## Charging

Controller Status	Charging Time
<ul style="list-style-type: none"><li>• Controller Left ON</li><li>• Without charge</li><li>• And discharged only for 1 day</li><li>• Assumption: Controller battery capacity 20%</li></ul>	0.5 hr charge
<ul style="list-style-type: none"><li>• Controller left ON</li><li>• Without charge</li><li>• And discharged for more than 1 day</li></ul>	0.5 hr and 2 hr charge

The Controller turns ON when there is sufficient internal battery voltage. It is recommended to leave the system ON for at least 2 hours to ensure enough charge.

If the unit was left charging for more than 4 hours and the display does not turn on, then the controller will have to be replaced, because the controller battery voltage has decreased below the recommended level and will not turn back ON.

Note: Under normal operating conditions, a controller should retain its battery status as the system controls the controller's power.