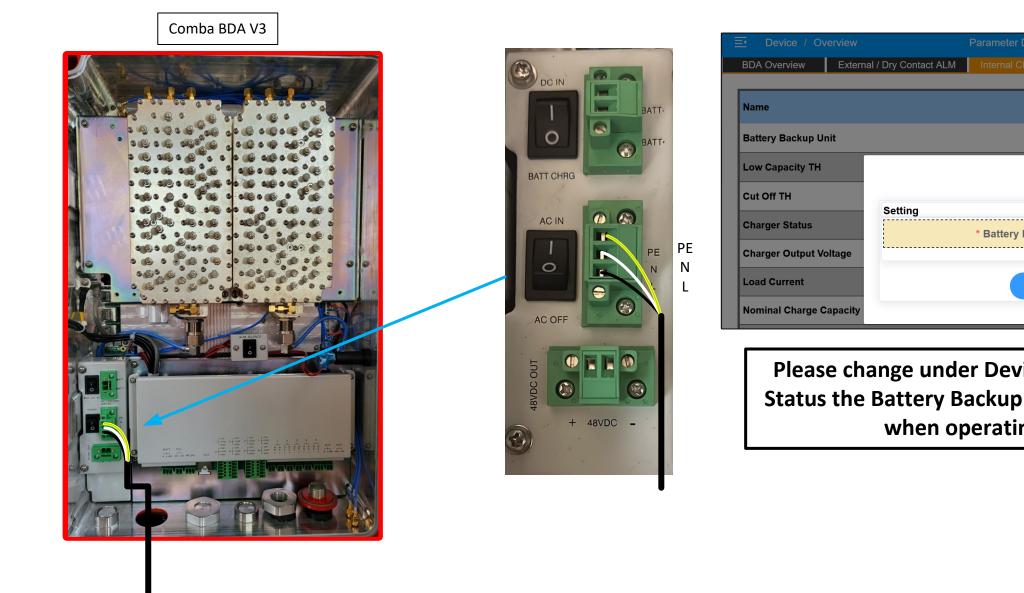
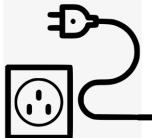
# **Comba BDA V3 Wiring Diagram**

(AC ONLY)



AC POWER

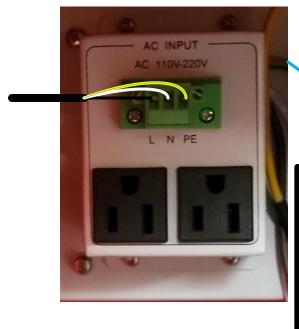


DirectEdit 🛛 📕			
	External Annunciator Panel	Advanced Settings	
		Advanced Settings	>
Value			Actions
Internal			Modify
		×	Modify
			Modify
Backup Unit	3rd Party-OFF		
	Internal		
Save	G 3rd Party-OFF		
	erview/Interna		
Unit se	ettings to "3 <sup>rd</sup> F C mode only!	Party-OFF	"

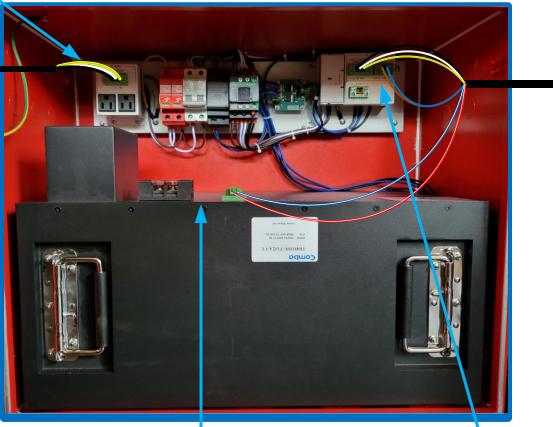


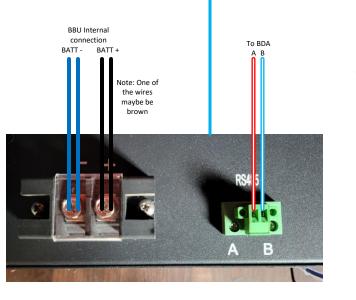
## **Comba BBU V3 to BDA V3 Wiring Diagram**

(BDA-BBU V3)



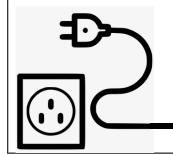
Comba BBU V3







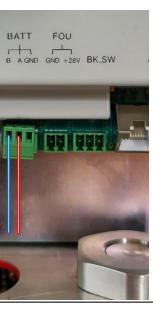
AC POWER

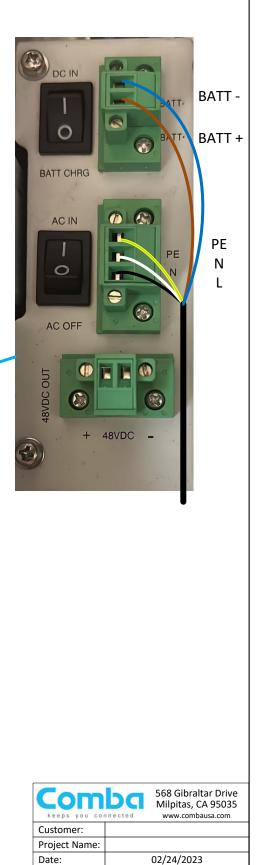




### Comba BDA V3





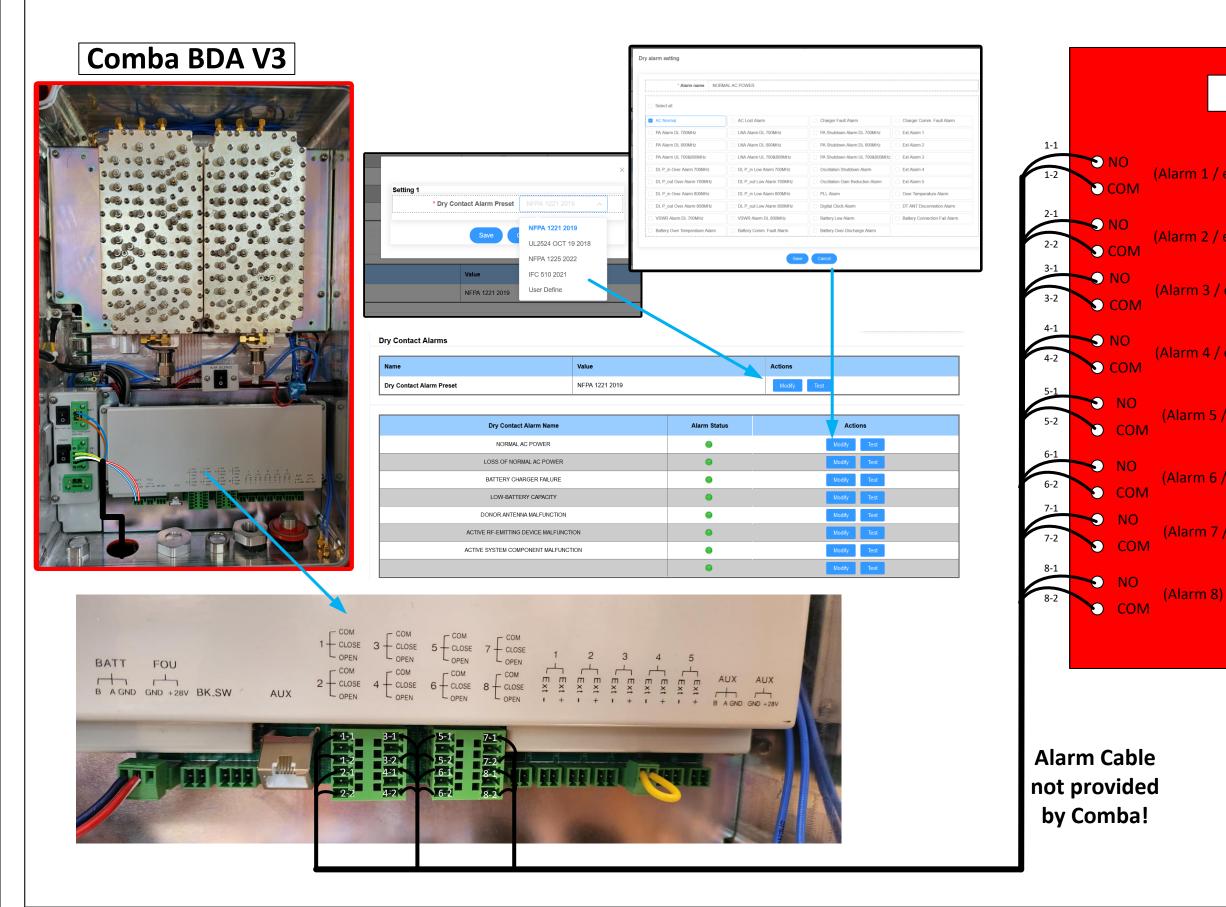


Revision: Created By:

Comba

### **BDA V3 Alarm Wiring Diagram**

(Normaly Open Example)

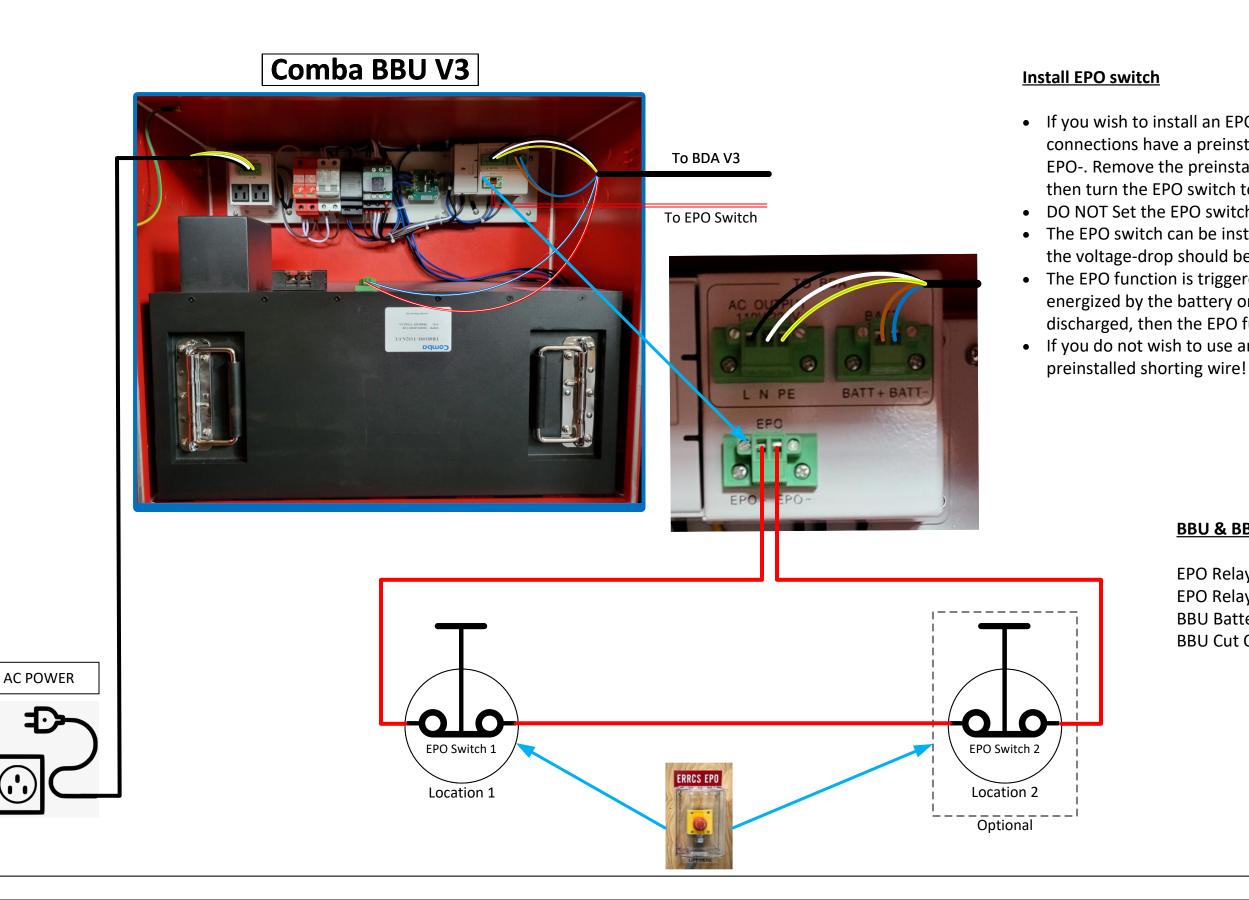


### FACP

- (Alarm 1 / eg. NORMAL AC POWER)
- (Alarm 2 / eg. LOSS OF NORMAL AC POWER)
- (Alarm 3 / eg. BATTERY CHARGER FAILURE)
- (Alarm 4 / eg. LOW-BATTERY CAPACITY )
- (Alarm 5 / eg. DONOR ANTENNA MALFUNCTION )
- (Alarm 6 / eg. ACTIVE RF-EMITTING DEVICE MALFUNCTION )
- (Alarm 7 / eg. ACTIVE SYSTEM COMPONENT MALFUNCTION

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02/24/2023
Comba

# **Comba BBU V3 EPO Wiring Diagram**



• If you wish to install an EPO switch: Note that the EPO connections have a preinstalled wire that shorts the EPO+ and EPO-. Remove the preinstalled wire and connect the EPO switch; then turn the EPO switch to its "Closed" position (Normal Status) • DO NOT Set the EPO switch to "Open" (Cut Off Status) • The EPO switch can be installed at a remote location; note that the voltage-drop should be considered! • The EPO function is triggered from a relay and this relay is energized by the battery or the charger; if the battery is overdischarged, then the EPO function may not work properly. • If you do not wish to use an EPO switch, do not remove the

### **BBU & BBU EPO Relay Information:**

EPO Relay control circuit voltage: 24-60V DC

EPO Relay current: <100mAmps

BBU Battery Nominal voltage: 51.2V

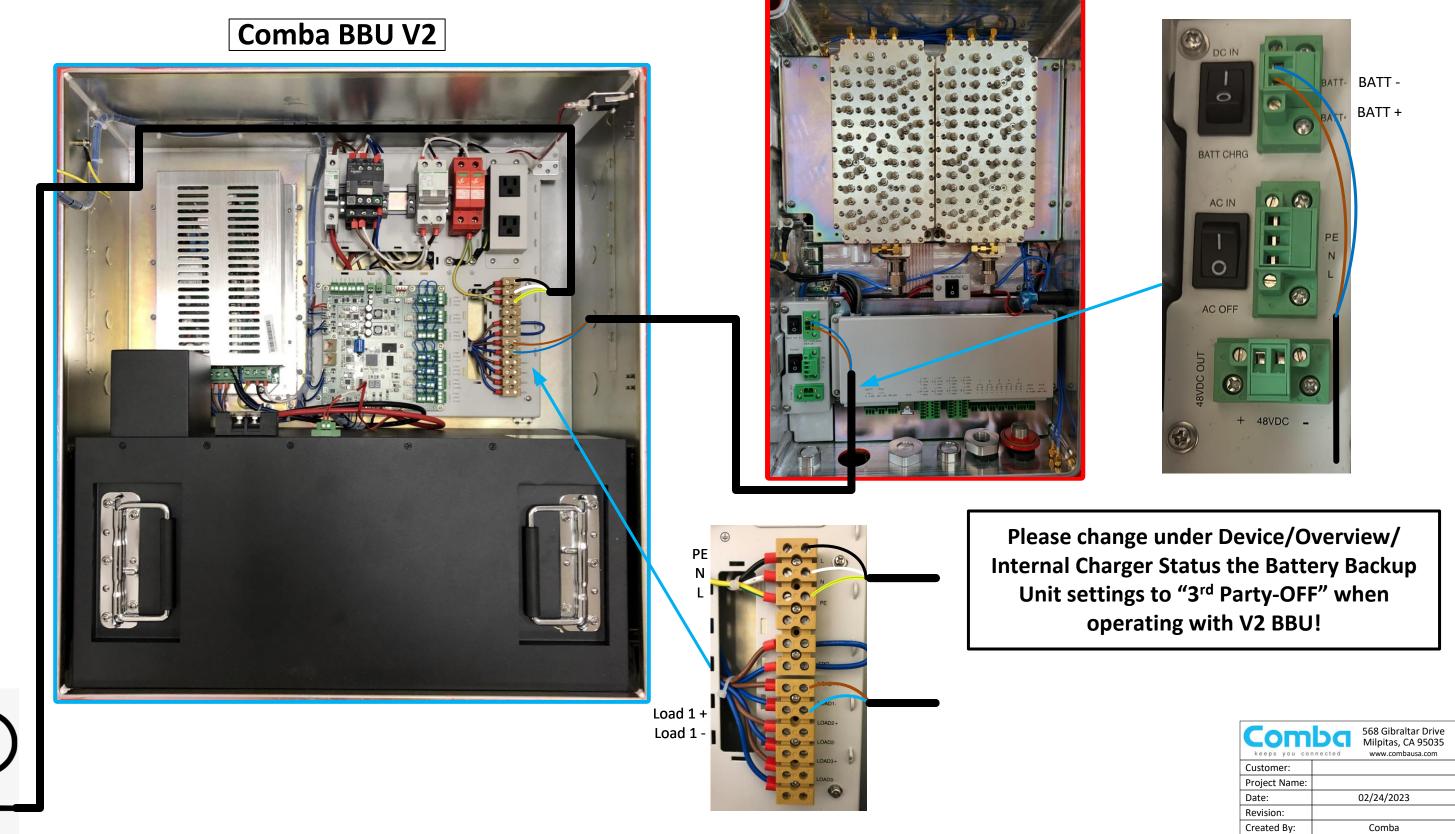
BBU Cut Off TH: 46V



### **<u>Comba BBU V2 to BDA V3 Wiring Diagram</u>**

(BDA-BBU V2)

### Comba BDA V3

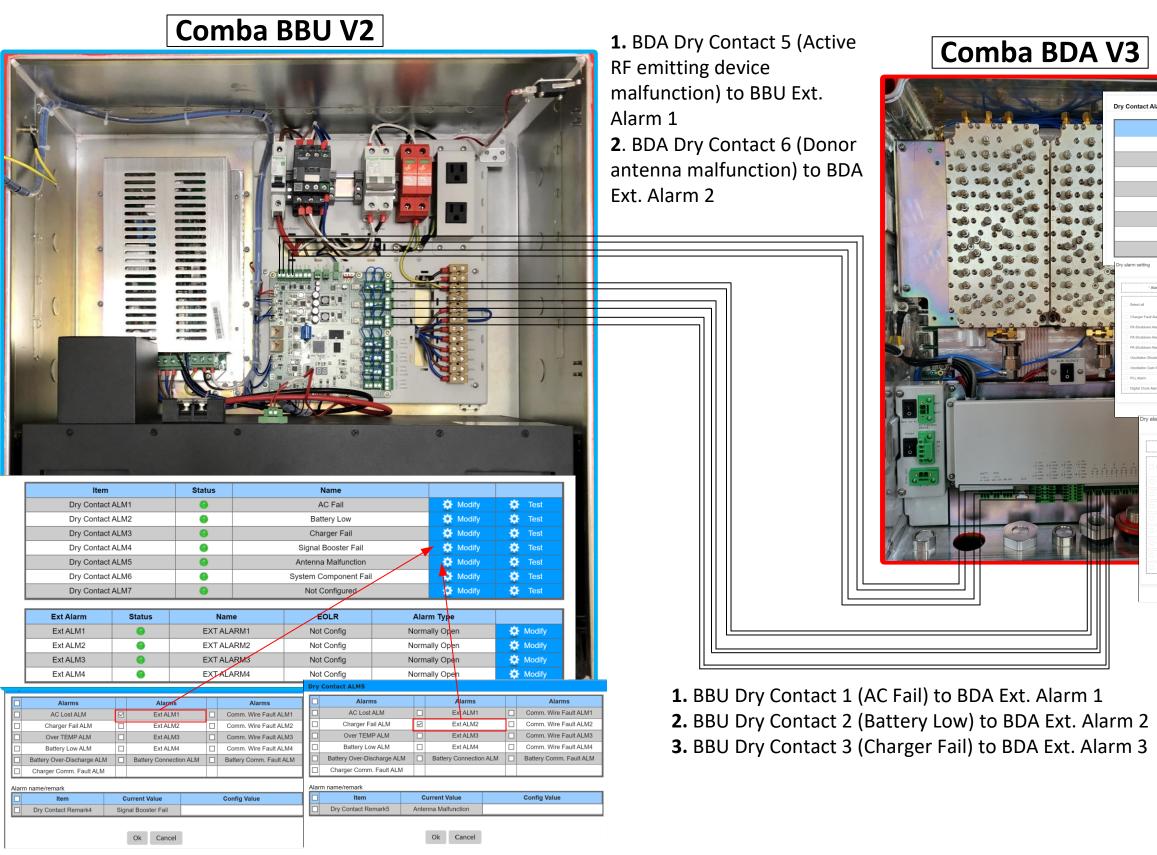


AC POWER



# **Comba BBU V2 to BDA V3 Alarm Wiring Diagram**

Based on UL 2524 Preset and Normally Open



Make sure External Alarm 1 is assigned to Dry Contact 4 and External Alarm 2 is assigned to the Dry Contact 5 in the BBU V2 GUI.

Assigned Ext. ALM 1 to Dry Contact 2, Ext. ALM 2 to Dry Contact 3 and Ext. ALM 3 to Dry Contact 4, in the BDA V3 GUI.

