

Quick Start Guide Supplement

Galaxy Pulsar Edge Controller VzW Supplement 01



Customer specific factory configuration.
Use this information instead of basic configuration information in Quick Start Guides.
Models: NE841E-016R_USB_DS_VZW

Information: Controller Default Voltage Settings – VZW Supplement 1

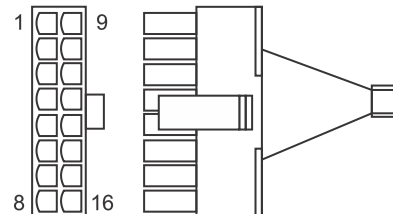
Rectifier & Battery Management	24V	48V
	Default	Default
Controller Default Voltage Settings	Default	Default
Float Voltage	27.00	54.00
Boost Voltage	27.00	54.00
Rectifier Float Selective High Voltage Shutdown	29.25	58.50
Very High Voltage Alarm	29.00	56.00
High Voltage Alarm	28.50	55.50
Battery on Discharge Float Alarm	26.00	53.00
Very Low Float Voltage Alarm	23.00	46.00
Rectifier On Threshold	22.00	44.00

Converter Management	24V Output		48V Output	
	Range	VZW Default	Range	VZW Default
Standard Default Voltage Settings & Ranges ¹				
Internal Selective High Voltage Shutdown	25 to 30	29.0	50 to 60V	58.0
Very High Voltage Alarm	25 to 30V	29.0	50 to 60V	56.0
High voltage Alarm	24 to 30V	28.5	48 to 60V	55.0
Output Voltage	23 to 27.2V	27.0	45 to 54.4V	54.0
Low Voltage Alarm	20 to 27.0V	23.0	40 to 54V	46.0

Information: Alarm Connections – VZW Supplement 01

Pin	Color	GE Standard Default ¹	VZW Default
1	Black	User Configurable Alarm Input	Door Open
2	White	User Configurable Alarm Input	Aux Major
3	Red/Black	PTC Protected VBUS0/ABS ³	Alarm Battery Supply (ABS)
4	Orange	Power Major Relay Return	Power Major Return (PMJ Return)
5	Orange/Black	Power Minor Relay Return	Power Minor Return (PMN Return)
6	Red/White	Relay 1 Return	R1-BD Return
7	White/Black	Relay 2	R2-Rectifier Fail Alarm (R2-RFA)
8	Blue/Red	Relay 3 and Relay 4 Return	R3 & R4 Return (R3-FAJ & R4-ACF Return)
9	Red	User Configurable Alarm Input	SPD Fail
10	Green	User Configurable Alarm Input	HVAC Fail
11	Blue	Relay 4	R4-AC Fail (R4-ACF)
12	Green/Black	Power Major Relay	Power Major (PMJ)
13	Blue/Black	Power Minor Relay	Power Minor (PMN)
14	Green/White	Relay 1	R1-Battery on Discharge (R1-BD)
15	White/Red	Relay 2 Return	R2-Rectifier Fail ALM RTN (R2-RFA) RTN
16	Orange/Red	Relay 3	R3-Fuse/Circuit Breaker Fail (R3-FAJ)

1. Relays are user configurable.
2. NE841E_016R_USB_DS_VzW controllers are shipped from the factory With this configuration loaded.
3. Positive Temperature Coefficient resistor protected battery voltage provides up to 0.5A



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Notes:

Empty box for notes.

