

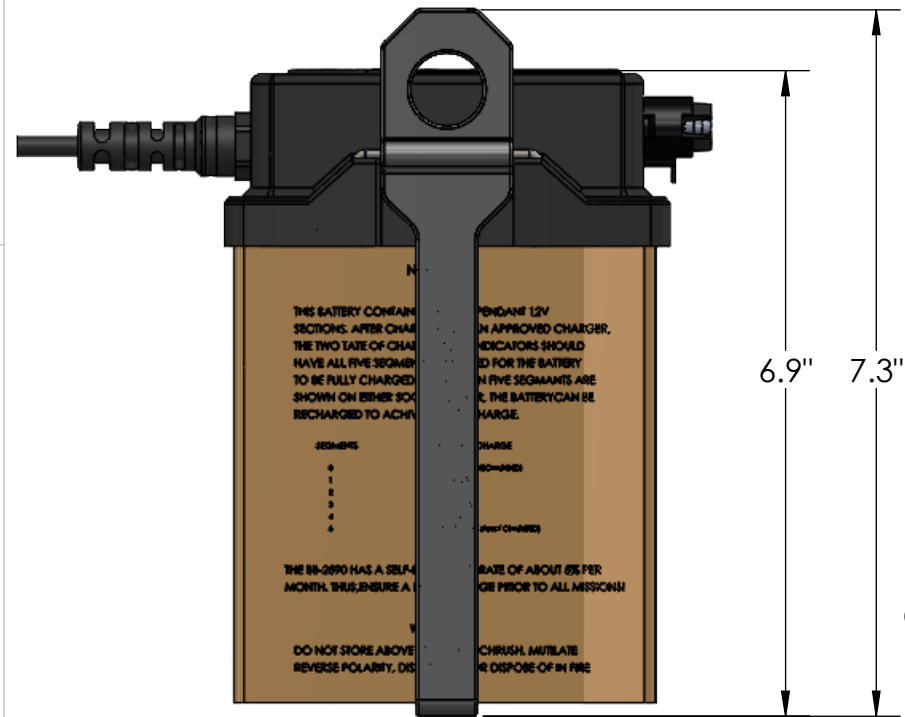
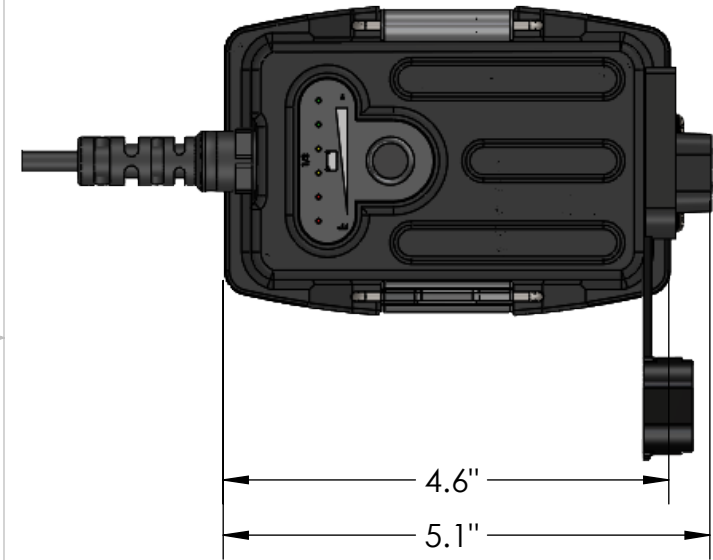
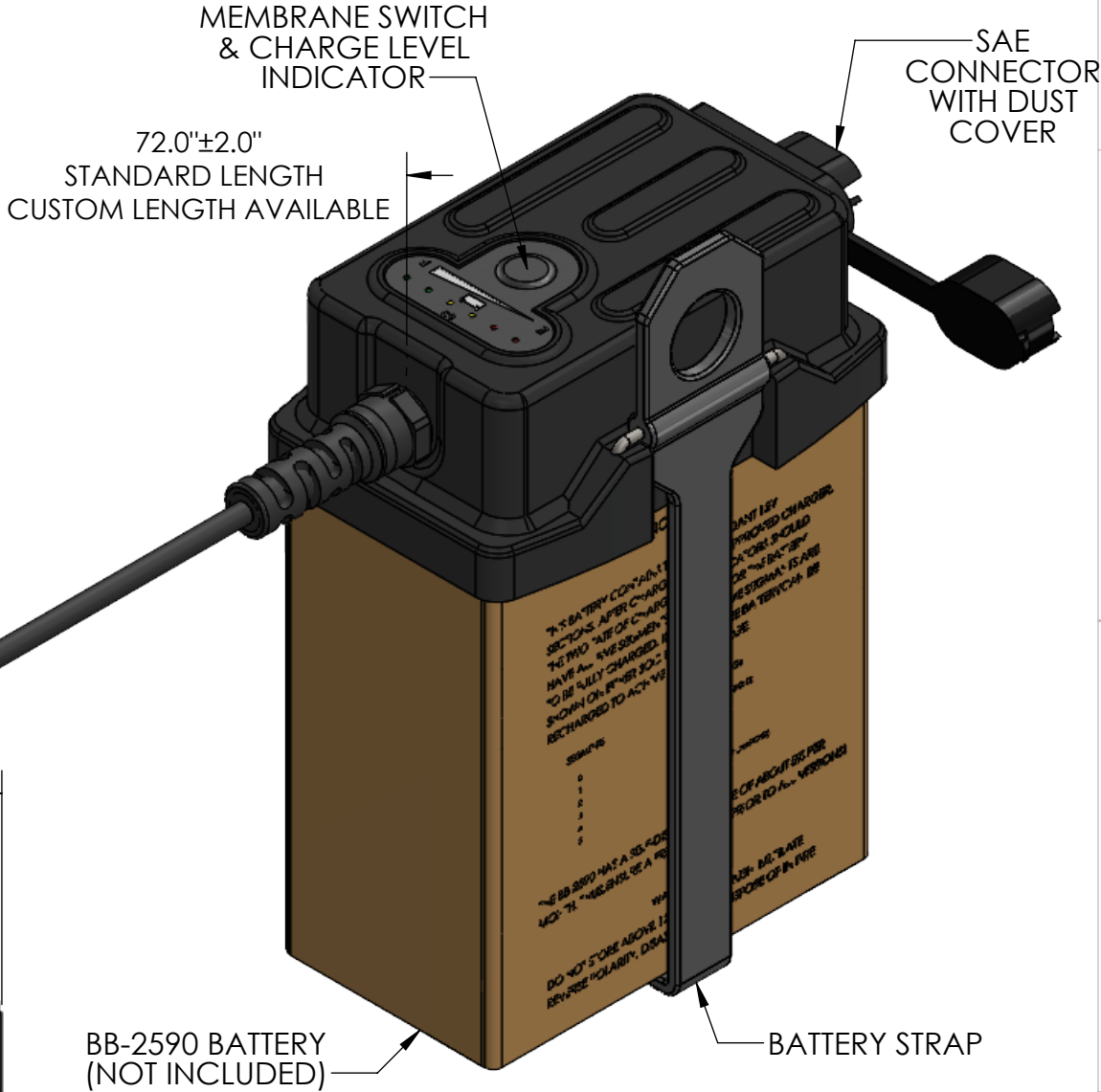
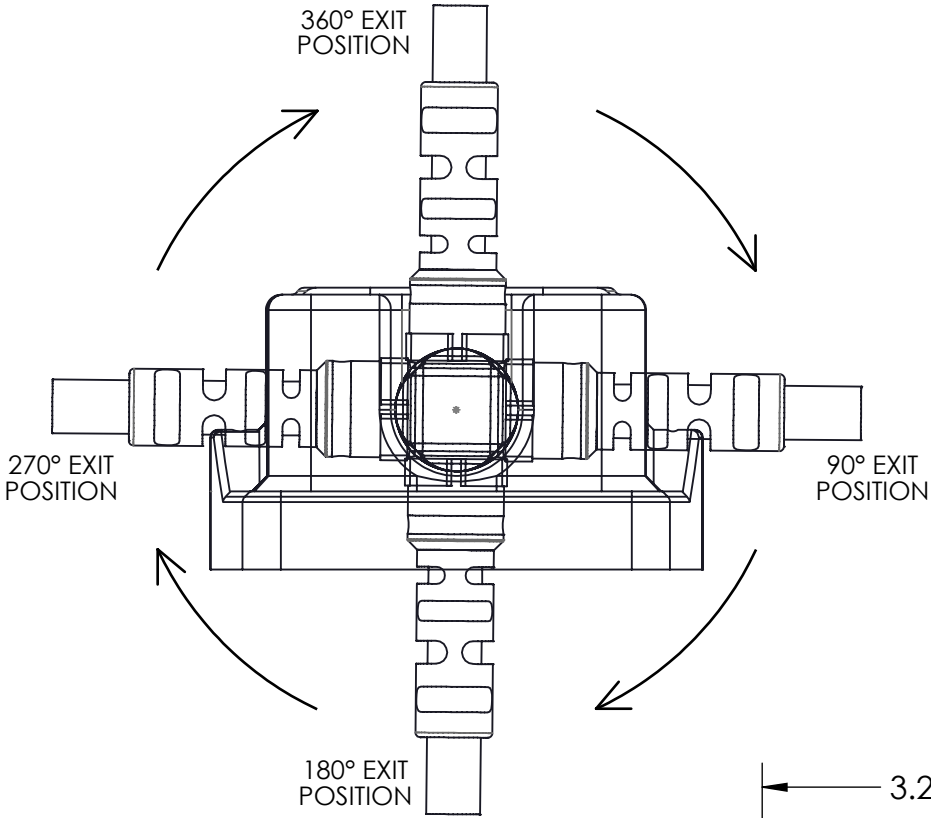
TABLE 1: FEATURE CONFIGURATIONS					
	SMBUS	10 C WIRE	4 C WIRE	SAE CONNECTOR	FRONT ENTRANCE INPUT/OUTPUT
SN-926-AYY-ZZZ	X	X		X	
SN-926-BYY-ZZZ			X	X	
SN-926-CYY-ZZZ	X	X			X
SN-926-DYY-ZZZ			X		X

TABLE 2: VOLTAGE CONFIG.		
	12 VOLT	24 VOLT
SN-926-X12-ZZZ	X	
SN-926-X24-ZZZ		X

TABLE 3: CABLE EXIT ANGLE	
PART NUMBER	EXIT ANGLE
SN-926-XYX-090D	90°
SN-926-XYX-180D	180°
SN-926-XYX-270D	270°
SN-926-XYX-360D	360°
SN-926-XYX	STRAIGHT

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
K	TABLE 4 & NOTES UPDATED	11/09/2023	CWA
L	DRAWING FORMAT UPDATED	07/30/2025	CWA
M	ADDED WIRING RUN LIST NOTE	08/13/2025	CWA

CABLE EXIT ANGLE DIAGRAM
(FRONT VIEW, SEE TABLE 3)



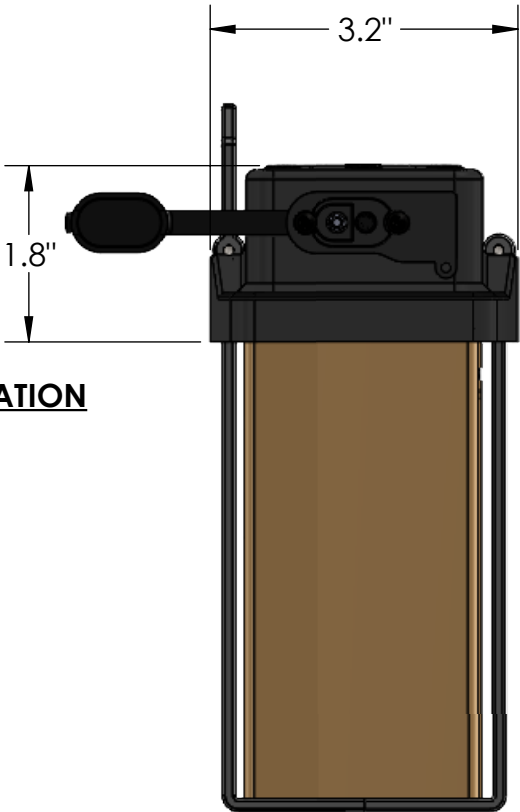
PART NUMBER IDENTIFICATION

SN-926-XYX-ZZZ

FEATURES
(SEE TABLE 1)

OUTPUT VOLTAGE
(SEE TABLE 2)

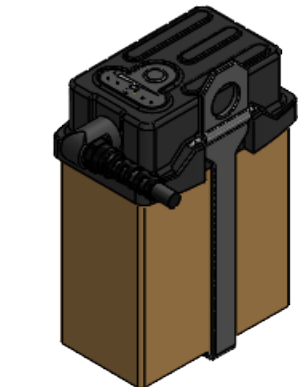
CABLE EXIT ANGLE
(SEE TABLE 3)



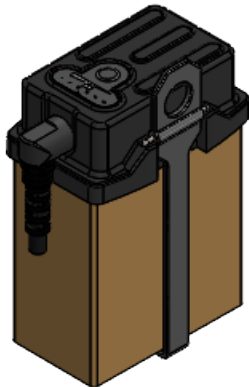
UNLESS OTHERWISE SPECIFIED:		NAME		DATE		SupplyNet		DESIGN ENGINEERING MANUFACTURING			
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING		DRAWN	LS	10/18/16		TITLE: SN-926-XYX-ZZZ BATTERY COVER (WEB)					
		CHECKED	TC	10/18/16							
		COMMENTS:									
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.						SIZE	DWG. NO.	REV	
						B		SN-926-XYX-ZZZ		M	
		CAGE CODE: 1HJX9				SCALE: NA		WEIGHT:		SHEET 1 OF 2	

TABLE 4: WIRE TABLE			
SN-926-AYY-ZZZ		SN-926-CYY-ZZZ	
WIRE COLOR	TERMINATION	WIRE COLOR	TERMINATION
RED	POWER OUT (+) 12/24VDC	RED	POWER OUT (+) 12/24VDC
BLACK	POWER OUT (-) 12/24VDC	BLACK	POWER OUT (-) 12/24VDC
RED/WHITE	~	RED/WHITE	POWER IN (+) (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)
BLACK/WHITE	~	BLACK/WHITE	POWER IN (-) (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)
BROWN	CLK (1-4)	BROWN	CLK (1-4)
ORANGE	DATA (1-4)	ORANGE	DATA (1-4)
YELLOW	REF. (1-4)	YELLOW	REF. (1-4)
BLUE	CLK (2-5)	BLUE	CLK (2-5)
VIOLET	DATA (2-5)	VIOLET	DATA (2-5)
GREY	REF. (2-5)	GREY	REF. (2-5)
SAE CONNECTOR	POWER IN (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)		
SN-926-BYY-ZZZ		SN-926-DYY-ZZZ	
WIRE COLOR	TERMINATION	WIRE COLOR	TERMINATION
RED	POWER OUT (+) 12/24VDC	RED	POWER OUT (+) 12/24VDC
BLACK	POWER OUT (-) 12/24VDC	BLACK	POWER OUT (-) 12/24VDC
WHITE	~	WHITE	POWER IN (+) (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)
GREEN	~	GREEN	POWER IN (-) (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)
SAE CONNECTOR	POWER IN (10.5V-19.5V FOR SN-926-X12, 20V-36V FOR SN-926-X24)		

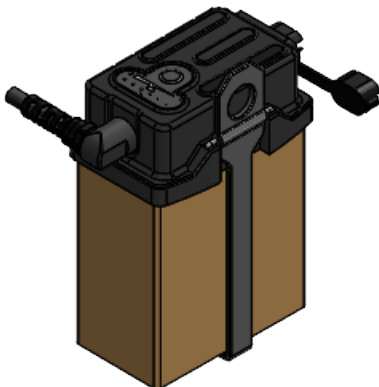
- PUSH OUT PIN SHELLS OF SN0017-3-A BY .06".



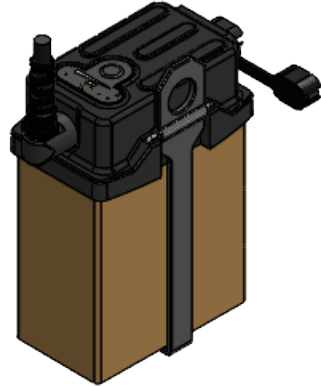
SN-926-C12-090D



SN-926-C12-180D



SN-926-A24-270D



SN-926-A24-360

OPERATIONAL NOTES

- Input Charging Voltage: 12V: 10.5 - 19.5VDC with 1.5-2.0A draw
24V: 20.0 - 36.0VDC with 2.0A draw
 - If unit is OFF and input voltage is applied. Unit will automatically wake and begin passing-thru power and charging the battery.
 - Output Voltage: 12VDC Unregulated @15 Amps
Output Voltage: 24VDC Unregulated @10 Amps
 - Input connector: SAE 2 Pin (on SN-926-AYY-ZZZ & SN-926-BYY-ZZZ)
 - Input power charges battery and passes power over to load (Battery Not Used)
 - State of Charge indicator (while charging)
 - Battery Fuel indicator (when on battery power)
LED's Illuminate for 2 seconds when switch is depressed
 - On/Off switch to power down circuit during storage
(Depress for 5 seconds)
 - Unit powers up when external power is applied
 - Switchover time < 2ms
 - Switchover threshold for 12V models: 9.8V
 - Switchover threshold for 24V models: 20V
 - Custom switchover voltage thresholds are available
 - All SMBus pins populated (on SN-926-AYY-ZZZ & SN-926-CYY-ZZZ)
 - Cable length: 72.0" Standard, Custom lengths available
 - Wire: AWG 16/AWG 22
 - Weight: 12 oz.
 - Watertight Up to 16cm depth.
 - Environmental strap impervious to UV light
 - Operating Temperature: -40°C to +60°C
 - Rugged design to absorb impact
 - Designed for BB-2590 Batteries
 - Other custom solutions include, but are not limited to:
 - Velcro Strap: Replace rubber strap with Velcro strap.
 - Remote Fuel Gauge: Extend fuel gauge away from cap. Allows Fuel Gauge to be panel mounted.
 - Auto ON: Unit automatically turns on when placed onto battery.
- *Contact Supplynet for more custom solutions.

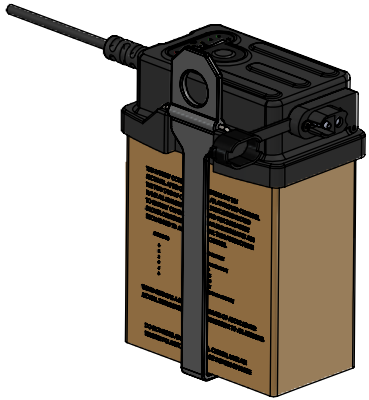
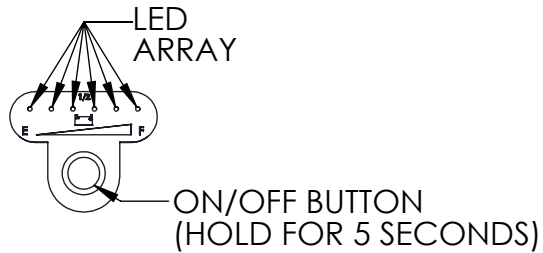


TABLE 5: FUEL GAGE INDICATOR KEY		
LED COLOR	STATUS	
WHILE CHARGING		
BLINKING RED	NO BATTERY OR DEFECTIVE BATTERY	
BLINKING YELLOW	CONDITIONING/BULK CHARGING (0-90%)	
BLINKING GREEN	TOPPING OFF (CHARGE CURRENT BELOW 10%, 3 HOUR DURATION)	
SOLID GREEN	BATTERY CHARGE CYCLE FINISH, 100% CHARGED	
NOT CHARGING	12V MODE	24V MODE
6 LED	ABOVE 16.2V	ABOVE 32V
5 LED	ABOVE 15.7V	ABOVE 31.4V
4 LED	ABOVE 15.2V	ABOVE 30.4V
3 LED	ABOVE 14.8V	ABOVE 29.6V
2 LED	ABOVE 14.2V	ABOVE 28.4V
1 LED	ABOVE 14.2V UNTIL DRAINED	ABOVE 28.4V UNTIL DRAINED

FUEL GAUGE



UNLESS OTHERWISE SPECIFIED:				REF. NUMBER: SN0328	
DIMENSIONS ARE IN: INCHES TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005 ANGULAR: .X°: 1° .XX°: 0.5° BREAK EDGES: .005 - .020 FILLET: .005 - .020 SURFACE FINISH: GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009 MATERIAL: SEE DRAWING NOTES FINISH: SEE DRAWING NOTES DO NOT SCALE DRAWING	DRAWN	LS	10/18/16	 DESIGN ENGINEERING MANUFACTURING	
	CHECKED	TC	10/18/16		
	COMMENTS:			TITLE:	
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CAGE CODE: 1HJX9		SIZE B	DWG. NO. SN-926-XYY-ZZZ	REV M	
		SCALE: NA	WEIGHT:	SHEET 2 OF 2	