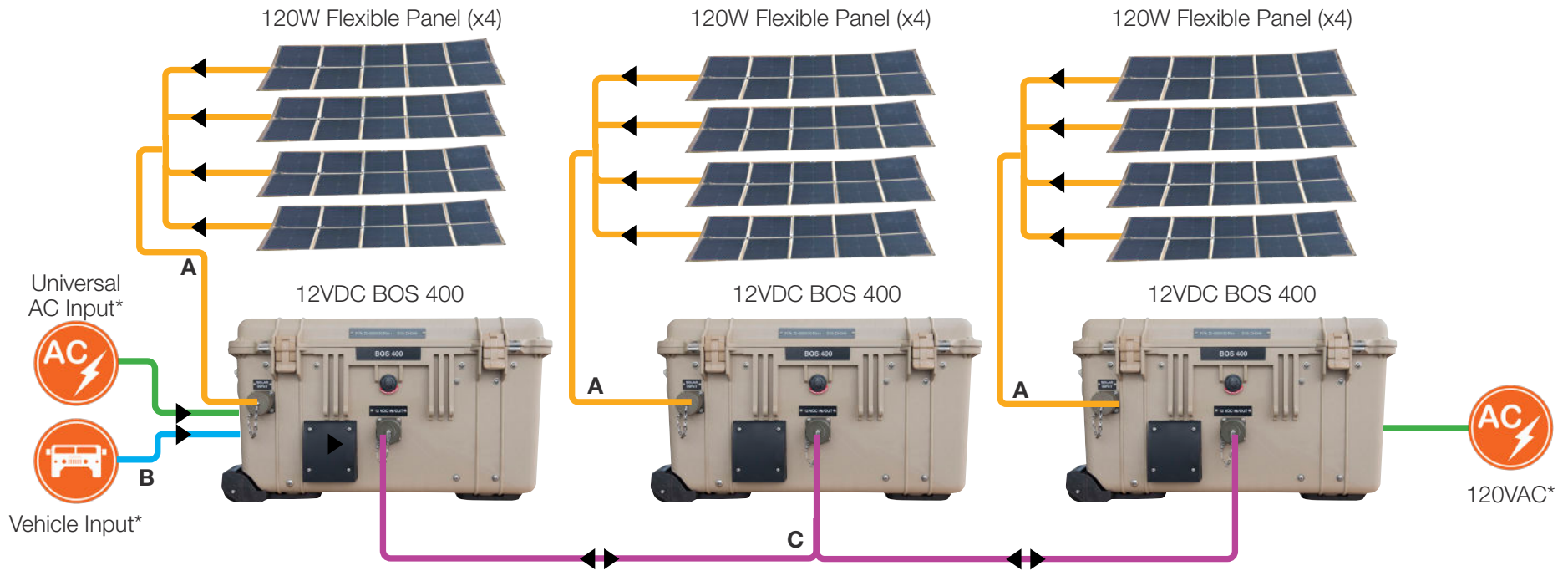


52nd Combat Communications Kit

Quick Start Guide

System Connection Diagram

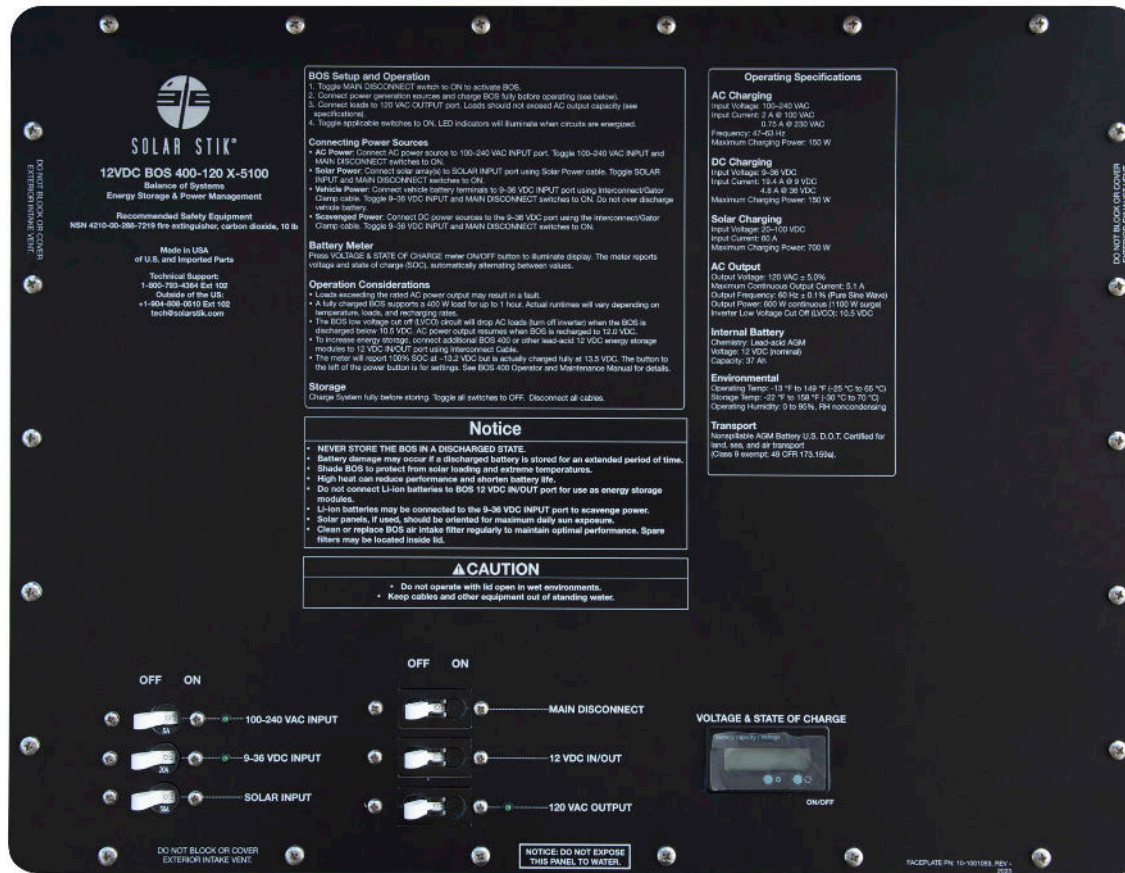


*Universal AC Input, 9-36 VDC Input and 120 VAC Output are available on each BOS 400 unit.

System Components

Cable	Item Number	Nomenclature	QTY
N/A	20-0205100	12VDC BOS 400	3
N/A	11-1000076	24V 120W FOLDABLE SOLAR PANEL	12
A	13-0000040	CABLE, SOLAR, SAE(4) / BAYONET, 24VDC, 25', 6AWG	3
B	13-1000386	CABLE, POWER, INTER-CONNECT, GATOR CLAMPS, 24VDC, 20', 8AWG	3
C	13-1000419	CABLE, POWER, CB6E24-9XPC, 12VDC, 5', 6AWG	1
N/A	14-1000060	SOLAR ARRAY CASE (CABLE TRANSPORT CASE)	2

Faceplate



- LED associate with breaker/switch will illuminate when switch is toggled ON and circuit is active.
- **100–240 VAC INPUT** – Breaker/switch controlling AC input power.
 - **9–36 VDC INPUT** – Breaker/switch controlling power from 9–36 VDC power sources.
 - **SOLAR INPUT** – Breaker/switch controlling power input from active, connected solar arrays.
 - **MAIN DISCONNECT** – Breaker/switch controlling connection of internal battery to the internal DC bus.
 - **12 VDC IN/OUT** – Breaker/switch controlling DC power input/output to internal DC bus. Use this connector to connect multiple BOS 400s in parallel. Must be toggled ON for individual BOS 400s to share power.
 - **120 VAC OUTPUT** – Breaker/switch that controls AC power output.
 - **VOLTAGE AND STATE OF CHARGE** meter – Reports battery voltage and SOC when no active charging source is connected. Reports current charging voltage when any active charging source is connected.