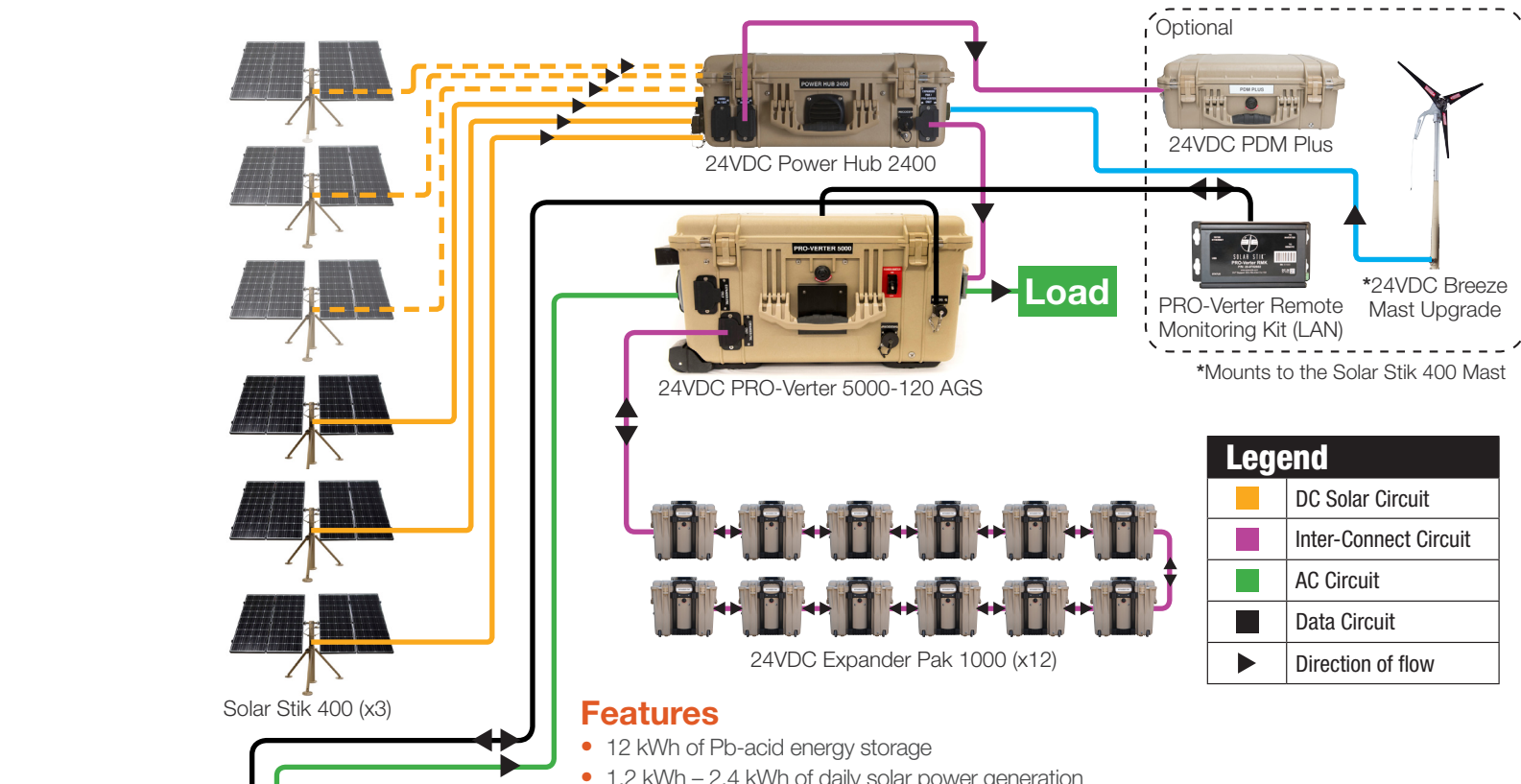







3kW TQG HPS 5000-120 Rapid Equipping Force (REF) System Diagram

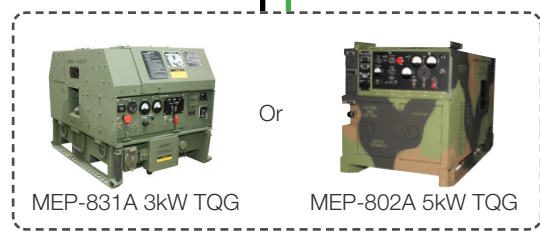
Config A



Legend	
	DC Solar Circuit
	Inter-Connect Circuit
	AC Circuit
	Data Circuit
	Direction of flow

Features

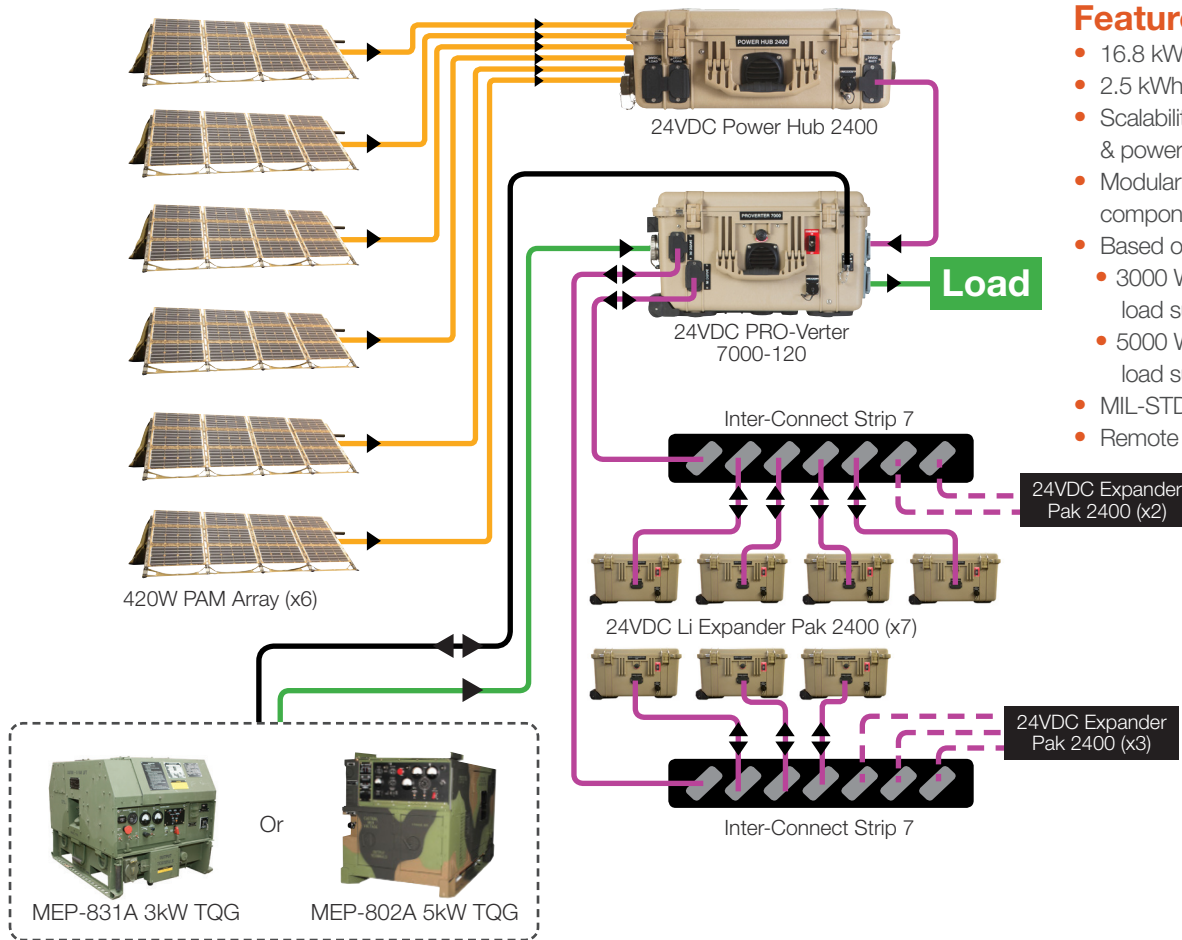
- 12 kWh of Pb-acid energy storage
- 1.2 kWh – 2.4 kWh of daily solar power generation
- Scalability of system architecture allows for addition & subtraction of energy storage & power generation
- Modularity of system architecture allows for the integration of other power generating components
- Based on generator selected:
 - 3000 W of continuous power and up to 5800 W of surge power using the 3kW TQG
 - 5000 W of continuous power and up to 5800 W of surge power using the 5kW TQG
- ATEC tested & US Army Safety Confirmation
- PM E2S2 approved Remote-start Enabling Kit for the MEP-831A
- Optional remote monitoring of system status available





SOLAR STIK®

3kW TQG HPS 5000-120 Rapid Equipping Force (REF) System Diagram Config B



Features

- 16.8 kWh – 28.8 kWh of LiFePO4 energy storage
- 2.5 kWh of daily solar power generation
- Scalability of system architecture allows for addition & subtraction of energy storage & power generation
- Modularity of system architecture allows for integration of other power generating components
- Based on generator selected:
 - 3000 W of continuous power, up to 5800 W of surge power and up to 6900 in load support using the 3kW TQG
 - 5000 W of continuous power, up to 5800 W of surge power and up to 9800 in load support using the 5kW TQG
- MIL-STD-810G tested and government approved components
- Remote monitoring of system status

Legend

	DC Solar Circuit
	Inter-Connect Circuit
	AC Circuit
	Data Circuit
	Direction of flow

