BATTERY SYSTEM · TECHNICAL SPECIFICATION

32 kWh Mobile Power System

Flexible output for higher-demand trading

SYSTEM

32 kWh

System 2

STORAGE	USABLE	BANK	CHEMISTRY
32 kWh 2 module(s)	25.6 kWh at 80% DoD	628 Ah 51.2 V nominal	$LiFePO_4$ with BMS

WHAT THE SYSTEM INCLUDES

— **Integrated battery fire suppression.** Thermally activated aerosol suppression inside the battery enclosure.

— **Remote monitoring.** Wi-Fi and app visibility of the battery, plus an inverter data logger and portal.

— **Hybrid by design.** Solar, grid and generator inputs under one controller. PV panels are not included.

— **Built around your load.** Inverter selection, phase arrangement and protection are engineered to your appliance schedule.

> **Quiet, clean, customer-facing.** No generator noise, no fumes and no blackout, with remote support from Majors Group.

WHERE IT WORKS

Gelato and ice cream shops · Food and coffee vans · Carts and trailers · Cafés · QSR · Events and festivals · Markets · Remote and off-grid sites

Food vans

Coffee vans

Carts and trailers

BATTERY BANK			
Usable capacity	25.6 kWh at 80% DoD	Modules	2 × 16 kWh
Chemistry / voltage	$LiFePO_4$, 51.2 V nominal	Bank capacity	628 Ah
Platform	Freedom Won ENVA 16	Module size / weight	827 × 520 × 252 mm, 126 kg
Protection	BMS + aerosol fire suppression	Monitoring	CAN + Wi-Fi / app
INVERTER AND POWER			
Inverter options	8 kW single-phase, 10 kW single-phase, 16 kW single-phase, 12 kW three-phase	Battery comms	CAN / RS485
Inverter models	Sunsynk SYNK-8K-SG05LP1; Sunsynk SUNSYNK-10K-SG02LP1-AU; Sunsynk SYNK-16K-SG01LP1PLUS; Sunsynk SUNSYNK-12K-SG04LP3-AU	Hybrid inputs	Solar, grid and generator
ENCLOSURE AND INSTALL			
Enclosure (L × W × H)	1000 L × 600 W × 580 H mm	Application	Mobile commercial power
Supplied by	Majors Group	Coverage	Australia and New Zealand
Battery cover	8,000 cycles to 70% capacity	Price	On application

Contact us for more information.