

64 kWh Mobile Power System

64 kWh

Flagship power for major mobile operations

System 4



STORAGE
64 kWh
4 module(s)

USABLE
51.2 kWh
at 80% DoD

BANK
1,256 Ah
51.2 V nominal

CHEMISTRY
LiFePO₄
with BMS

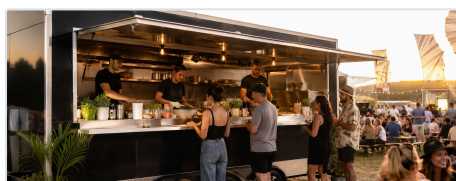
WHAT THE SYSTEM INCLUDES

- **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	51.2 kWh at 80% DoD	Modules	4 × 16 kWh
Chemistry / voltage	LiFePO ₄ , 51.2 V nominal	Bank capacity	1,256 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	10 kW single-phase, 16 kW single-phase, 12 kW three-phase	Battery comms	CAN / RS485
Inverter models	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)	1350 L × 780 W × 790 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.