BATTERY SYSTEM · TECHNICAL SPECIFICATION

# 64 kWh Shop Power System

The workhorse: a full trading day for most shops

SYSTEM

**64 kWh**

4 modules

| STORAGE | USABLE | BANK | CHEMISTRY |
|---|---|---|---|
| 64 kWh<br>4 module(s) | 51.2 kWh<br>at 80% DoD | 1,256 Ah<br>51.2 V nominal | $LiFePO_4$<br>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.

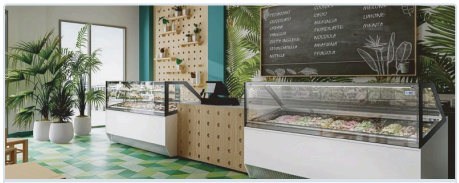
— **Hybrid by design.** Solar, grid and generator inputs under one controller. PV panels are not included.

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

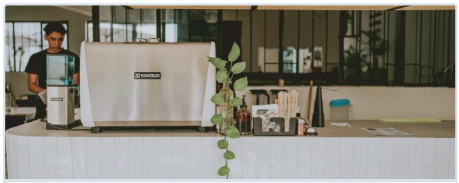
> **Quiet, clean, customer-facing.** No generator noise, no fumes and no blackout, with remote support from Majors Group.

## 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



Gelato and ice cream shops



Cafés and dessert bars

Patisseries and bakeries

| 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 | 16 kW single-phase, 2 × 12 kW three-phase | Battery comms | CAN / RS485 |
| Inverter models | Sunsynk SYNK-16K-SG01LP1PLUS; Sunsynk SUNSYNK-12K-SG04LP3-AU | Hybrid inputs | Solar, grid and generator |
| **ENCLOSURE AND INSTALL** | | | |
| Cabinet (H × W × D) | 1600 H × 790 W × 540 D mm | Application | In-store power · Compact cabinet |
| 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.

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**AU · NZ · SEA**
Design · supply · installation · remote support

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