

48 – 112 KWH IN-STORE BATTERY STORAGE

Run the whole shop on stored power

48 kWh · 64 kWh · 80 kWh · 96 kWh · 112 kWh

Keep trading when power is at its dearest — or when it goes out altogether. A Majors Group shop system stores power while it is cheap, or straight off your solar, then runs the floor on it: soft serve machines, display cabinets, topping counters, the till and the lights. No generator, no noise, nothing to refuel. Sizes to suit a single shop or a busy flagship.

THE RANGE				
Storage	Usable at 80%	Modules	Inverter options	Cabinet H × W × D, mm
48 kWh	38.4 kWh	3	16 kW single-phase, 2 × 12 kW three-phase	1600 × 790 × 540
64 kWh	51.2 kWh	4	16 kW single-phase, 2 × 12 kW three-phase	1600 × 790 × 540
80 kWh	64.0 kWh	5	16 kW single-phase, 3 × 12 kW three-phase	1600 × 1,050 × 540
96 kWh	76.8 kWh	6	16 kW single-phase, 4 × 12 kW three-phase	1600 × 1,050 × 540
112 kWh	89.6 kWh	7	16 kW single-phase, 4 × 12 kW three-phase	1600 × 1,050 × 860

LiFePO₄ battery

Freedom Won ENVA 16 modules, 51.2 V nominal, BMS and aerosol fire suppression.

Hybrid inverters

Sunsynk single-phase and three-phase, with solar, grid and generator inputs.

Remote monitoring

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

Built to your load

Inverter, phase arrangement and protection engineered to your appliance schedule.

Contact us for more information. A specification sheet for every model follows this page.

48 kWh Shop Power System

Shop storage for a single-phase or three-phase site

48 kWh

3 modules



STORAGE
48 kWh
3 module(s)

USABLE
38.4 kWh
at 80% DoD

BANK
942 Ah
51.2 V nominal

CHEMISTRY
LiFePO₄
with BMS

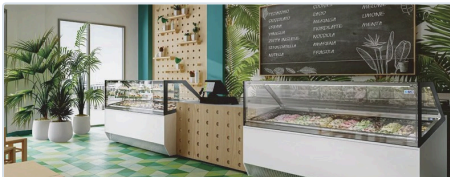
WHAT THE SYSTEM INCLUDES

- **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.

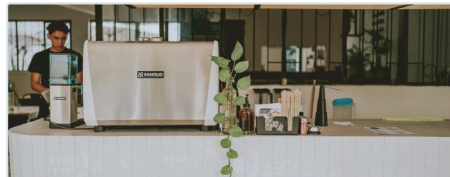
Quiet, clean, customer-facing. No generator noise, no fumes and no blackout, with remote support from Majors Group.

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



Gelato and ice cream shops



Cafés and dessert bars



Patisseries and bakeries

BATTERY BANK

Usable capacity	38.4 kWh at 80% DoD	Modules	3 × 16 kWh
Chemistry / voltage	LiFePO ₄ , 51.2 V nominal	Bank capacity	942 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.

64 kWh Shop Power System

The workhorse: a full trading day for most shops

64 kWh

4 modules



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

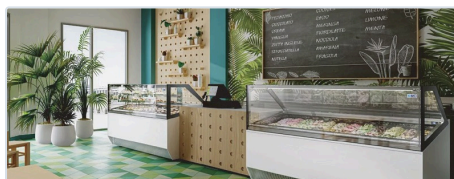
WHAT THE SYSTEM INCLUDES

- **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.

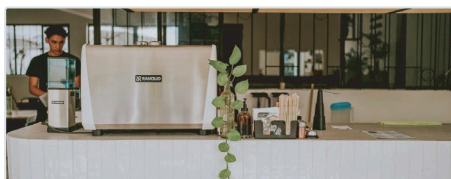
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Cafés and dessert bars



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.

80 kWh Shop Power System

Headroom for a bigger floor and longer hours

80 kWh

5 modules



STORAGE
80 kWh
5 module(s)

USABLE
64.0 kWh
at 80% DoD

BANK
1,570 Ah
51.2 V nominal

CHEMISTRY
LiFePO₄
with BMS

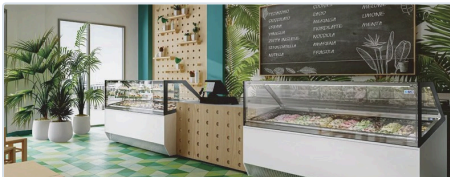
WHAT THE SYSTEM INCLUDES

- **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.

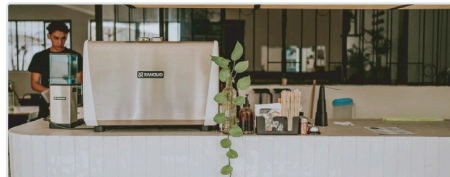
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Gelato and ice cream shops



Cafés and dessert bars



Patisseries and bakeries

BATTERY BANK

Usable capacity	64.0 kWh at 80% DoD	Modules	5 × 16 kWh
Chemistry / voltage	LiFePO ₄ , 51.2 V nominal	Bank capacity	1,570 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, 3 × 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 × 1,050 W × 540 D mm	Application	In-store power · Wide 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.

96 kWh Shop Power System

Heavy refrigeration loads and extended trading

96 kWh

6 modules



STORAGE
96 kWh
6 module(s)

USABLE
76.8 kWh
at 80% DoD

BANK
1,884 Ah
51.2 V nominal

CHEMISTRY
LiFePO₄
with BMS

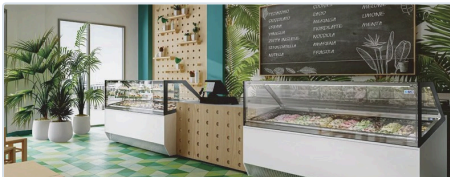
WHAT THE SYSTEM INCLUDES

- **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.

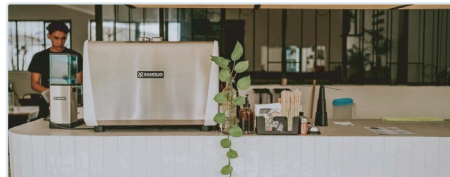
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Patisseries and bakeries

BATTERY BANK

Usable capacity	76.8 kWh at 80% DoD	Modules	6 × 16 kWh
Chemistry / voltage	LiFePO ₄ , 51.2 V nominal	Bank capacity	1,884 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, 4 × 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 × 1,050 W × 540 D mm	Application	In-store power · Wide 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.

112 kWh Shop Power System

The largest cabinet in the range

112 kWh

7 modules



STORAGE
112 kWh
7 module(s)

USABLE
89.6 kWh
at 80% DoD

BANK
2,198 Ah
51.2 V nominal

CHEMISTRY
LiFePO₄
with BMS

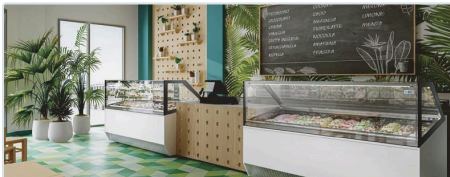
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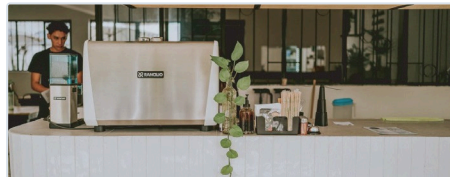
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Cafés and dessert bars



Patisseries and bakeries

BATTERY BANK

Usable capacity	89.6 kWh at 80% DoD	Modules	7 × 16 kWh
Chemistry / voltage	LiFePO ₄ , 51.2 V nominal	Bank capacity	2,198 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, 4 × 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 × 1,050 W × 860 D mm	Application	In-store power · Wide / deep 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.