

16 - 64 KWH MOBILE BATTERY STORAGE

## Trade all day, off the grid

16 kWh · 32 kWh · 48 kWh · 64 kWh

Charge it overnight, then trade all day wherever the customers are. A Majors Group mobile system runs your van, cart or trailer on stored power — no generator thumping away behind the serving window, no fumes over the food, nothing to refuel halfway through a shift. Sizes to suit everyday service right through to a long day on site.

| THE RANGE |               |         |                                                                              |                         |
|-----------|---------------|---------|------------------------------------------------------------------------------|-------------------------|
| Storage   | Usable at 80% | Modules | Inverter options                                                             | Enclosure L x W x H, mm |
| 16 kWh    | 12.8 kWh      | 1       | 8 kW single-phase, 10 kW single-phase                                        | 1000 x 600 x 580        |
| 32 kWh    | 25.6 kWh      | 2       | 8 kW single-phase, 10 kW single-phase, 16 kW single-phase, 12 kW three-phase | 1000 x 600 x 580        |
| 48 kWh    | 38.4 kWh      | 3       | 8 kW single-phase, 10 kW single-phase, 16 kW single-phase, 12 kW three-phase | 1350 x 780 x 680        |
| 64 kWh    | 51.2 kWh      | 4       | 10 kW single-phase, 16 kW single-phase, 12 kW three-phase                    | 1350 x 780 x 790        |

### LiFePO<sub>4</sub> 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.

# 16 kWh Mobile Power System

Compact power for everyday mobile service

16 kWh

System 1



STORAGE  
**16 kWh**  
1 module(s)

USABLE  
**12.8 kWh**  
at 80% DoD

BANK  
**314 Ah**  
51.2 V nominal

CHEMISTRY  
**LiFePO<sub>4</sub>**  
with BMS

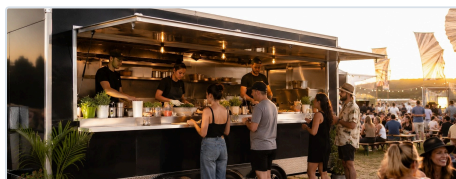
## WHAT THE SYSTEM INCLUDES

- **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     | 12.8 kWh at 80% DoD                  | Modules              | 1 × 16 kWh                 |
| Chemistry / voltage | LiFePO <sub>4</sub> , 51.2 V nominal | Bank capacity        | 314 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                   | Battery comms | CAN / RS485               |
| Inverter models  | Sunsynk SYNK-8K-SG05LP1; Sunsynk SUNSYNK-10K-SG02LP1-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.

# 32 kWh Mobile Power System

Flexible output for higher-demand trading

32 kWh

System 2



## STORAGE

**32 kWh**  
2 module(s)

## USABLE

**25.6 kWh**  
at 80% DoD

## BANK

**628 Ah**  
51.2 V nominal

## CHEMISTRY

**LiFePO<sub>4</sub>**  
with BMS

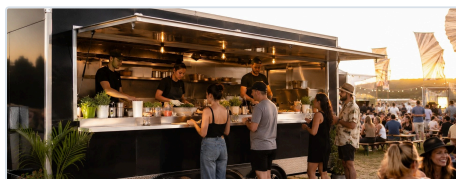
## WHAT THE SYSTEM INCLUDES

- **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 <sub>4</sub> , 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.

# 48 kWh Mobile Power System

48 kWh

High-capacity storage for long event days

System 3



STORAGE  
**48 kWh**  
3 module(s)

USABLE  
**38.4 kWh**  
at 80% DoD

BANK  
**942 Ah**  
51.2 V nominal

CHEMISTRY  
**LiFePO<sub>4</sub>**  
with BMS

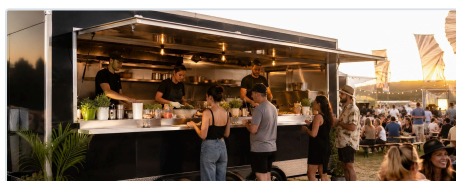
## WHAT THE SYSTEM INCLUDES

- **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

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Food vans



Coffee vans



Carts and trailers

### BATTERY BANK

|                     |                                      |                      |                            |
|---------------------|--------------------------------------|----------------------|----------------------------|
| Usable capacity     | 38.4 kWh at 80% DoD                  | Modules              | 3 × 16 kWh                 |
| Chemistry / voltage | LiFePO <sub>4</sub> , 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 | 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) | 1350 L × 780 W × 680 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.

# 64 kWh Mobile Power System

Flagship power for major mobile operations

64 kWh

System 4



STORAGE  
**64 kWh**  
4 module(s)

USABLE  
**51.2 kWh**  
at 80% DoD

BANK  
**1,256 Ah**  
51.2 V nominal

CHEMISTRY  
**LiFePO<sub>4</sub>**  
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

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Food vans



Coffee vans



Carts and trailers

## BATTERY BANK

|                     |                                      |                      |                            |
|---------------------|--------------------------------------|----------------------|----------------------------|
| Usable capacity     | 51.2 kWh at 80% DoD                  | Modules              | 4 × 16 kWh                 |
| Chemistry / voltage | LiFePO <sub>4</sub> , 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.