

purple cube

Technical Specifications



The Purple Range

THE FUTURE IS PURPLE

purple cube



Easy, Fast Set-Up

- Compact design for freight and storage
- Deep Sea control system
- Outlet kit for plug and play operation

Reduced Carbon And Cost

- Up to 85% reduction in generator run time
- Up to 90% reduction in emissions
- Latest inverter-battery technology
- 50% + Fuel cost reduction

Smart

- Use 40% smaller generator in hybrid applications
- Silent operation
- Modular parallel capable
- Plug and play connection

You're In Control

- Remote monitoring
- Detailed diagnostics
- Programmable gen/inverter run time

PC 100-200 Specs

| | |
|--------------------------|----------------|
| Rated Output @ 25°C | 100kW |
| Rated Output Voltage | 400V@50Hz,3ph. |
| Battery Storage Capacity | 200.7kWh |

| | |
|--------------------------|-------------------------|
| Loading Dimension(LxWxH) | 2250 x 1130 x 2250mm |
| Weight | 4100kg |
| Operating Temperature | -20 to 50 |
| Max Altitude | 3000m(> 2000m derating) |



PC 100-200

Battery Specs

| | |
|-------------------------|--------------|
| Cell Type | LFP(LiFePO4) |
| Pack Model | MF51280 |
| Pack Capacity | 14.336kWh |
| Battery Voltage of Rack | 716.8VDC |

| | |
|---------------------------|-------------------|
| Pack Rated Voltage | 51.2VDC |
| Cyclic 140A(0.5C)Life | 6000(0.5C@90%DOD) |
| Charger/Discharge Current | 140A(0.5C) |
| Connection of Rack | 14S1P |

PCS Specs

| | |
|-----------------------|----------|
| Battery Voltage Range | 716.8VDC |
| Max. Current (AC) | 159A |
| Max. Output Power | 110kW |
| Rated Output Power | 100kW |
| Rated Voltage | 400Vac |

| | |
|------------------------|-----------------------|
| AC Input Voltage Range | 340~460Vac |
| Rated Frequency Range | 50/60Hz |
| PF | 1 lagging - 1 leading |
| AC Connection | 3W+N+PE |
| Max. Efficiency | 95.8% |
| Transformer | Built-in |

| | |
|------------------------|--------------------|
| Grid-tied Certificates | IEC62477, IEC61000 |
| Safety Certificates | |
| EMC Certificates | |

Cooling System Specs

| | | | |
|--------------|------|----------------|---------------------------|
| Cooling type | HVAC | Operation Mode | Refrigeration and heating |
|--------------|------|----------------|---------------------------|

Fire Protection Specs

| | |
|----------------------|--------------------------|
| Fire Protection Type | Aerosol Fire Suppression |
|----------------------|--------------------------|

EMS Specs

| | |
|---------------------|--|
| Display and Monitor | Local screen/APP/Web |
| Function | Energy management and coordinated control of energy storage system |



Join Us On The Journey To Net Zero

Fuchardt Future Fuels

MYNT has always been at the forefront of carbon reduction in power generation. Our technical expertise and engine independence has meant we have long provided dramatic carbon reduction outcomes. As we now progress to a genuinely carbon free power future, MYNT delivers industry leading alternative energy solutions with optimised diesel, bio diesel, battery hybrid, solar and full solar, battery, hybrid, hydrogen generators. Along with e-mobility solutions around electric vehicles, MYNT remains the market leader in clean energy solutions.

»» OPTIMISED DIESEL



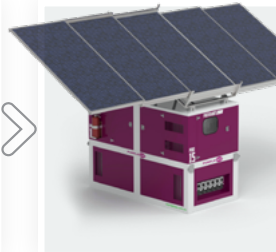
BIO DIESEL



HYBRID



SOLAR



HYDROGEN



Purple POD - Power Cube

15KVA / 12KW - 30KVA / 24KW

For smaller applications, below 45KW, the Purple Pod is available as a compact, rapidly deployable, 3 in 1 hybrid energy system. Incorporating a diesel generator, battery hydraulic solar system and lithium ion battery storage array, the purple pod is a self-contained carbon fighting machine. For most applications, the purple pod can reduce the need for diesel by 50% or more, and deliver battery energy that has been directly supplied by the sun. This makes the purple pod, a genuine, all in one clean energy device for construction, mining, events and industrial applications.

MYNT PRODUCT RANGE:



GENERATORS 6KVA - 1500KVA



STANDBY



STATIONARY



MOBILE



TRAILER



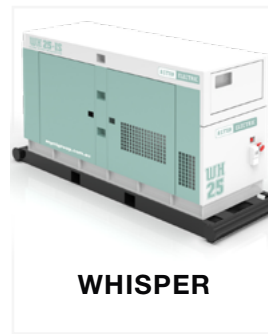
CONTAINER



HEAVY DUTY



BIG TANK



WHISPER



WHISPER BIG TANK



INVERTER

FUEL CELLS 1KL - 100KL



LIFT & SHIFT



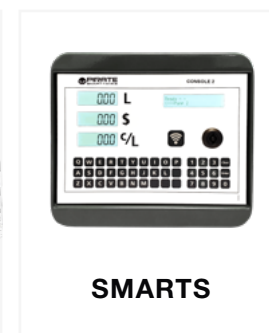
STATIC STORAGE



TOW TANKS

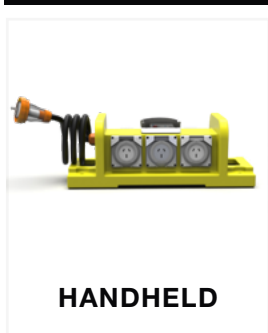


BULK STORAGE



SMARTS

DISTRIBUTION 10A - 1000A



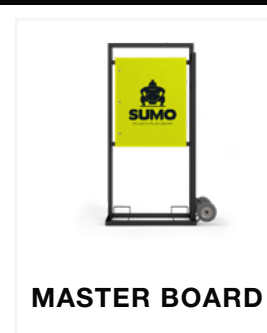
HANDHELD



COMBO



STACKABLE



MASTER BOARD



LOAD BANKS