

# 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 30-60 Specs

Rated Output @ 25°C	30kW
Rated Output Voltage	400V@50Hz,3ph.
Battery Storage Capacity	61.44kWh

Loading Dimension(LxWxH)	1950 x 1130 x 2250mm
Weight	1700kg
Operating Temperature	-20 to 50
Max Altitude	3000m(> 2000m derating)



# PC 30-60

## Battery Specs

Cell Type	LFP(LiFePO4)
Pack Model	MF51100
Pack Capacity	5.12kWh
Battery Voltage of Rack	614.4VDC

Pack Rated Voltage	51.2VDC
Cyclic 50A(0.5C)Life	4000(0.5C@90%DOD)
Charger/Discharge Current	50A(0.5C)
Connection of Rack	12S1P

## PCS Specs

Battery Voltage Range	614.4VDC
Max. Current (AC)	47.6A
Max. Output Power	33kW
Rated Output Power	30kW
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	97.3%
Transformer	N/A

Grid-tied Certificates	EN50549, AS4777.2, VDE4105, G99, IEEE1547, NB/T 32004
Safety Certificates	IEC62109, NB/T 32004, UL1741
EMC Certificates	IEC61000, NB/T 32004

## Cooling System Specs

Cooling type	HVAC	Operation Mode	Refrigeration and heating
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## Fire Protection Specs

Fire Protection Type	Aerosol Fire Suppression
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## 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



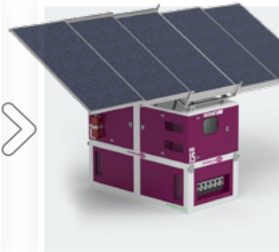
### BIO DIESEL



### 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**



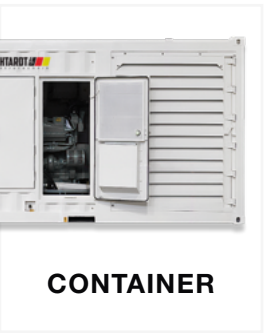
**STATIONARY**



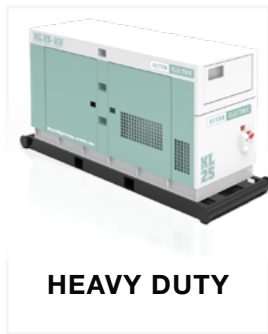
**MOBILE**



**TRAILER**



**CONTAINER**



**HEAVY DUTY**



**BIG TANK**



**WHISPER**



**WHISPER BIG TANK**



**INVERTER**

**FUEL CELLS 1KL - 100KL**



**LIFT & SHIFT**



**STATIC STORAGE**



**TOW TANKS**

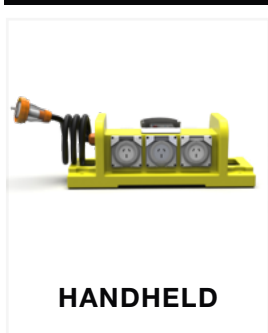


**BULK STORAGE**



**SMARTS**

**DISTRIBUTION 10A - 1000A**



**HANDHELD**



**COMBO**



**STACKABLE**



**MASTER BOARD**



**LOAD BANKS**