

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 500-1000 Specs

Rated Output @ 25°C	500kW
Rated Output Voltage	400V@50Hz,3ph.
Battery Storage Capacity	1003.5kWh

Loading Dimension(LxWxH)	
Weight	18000kg
Operating Temperature	-20 to 50
Max Altitude	3000m(> 2000m derating)



PC 500-1000

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	14S5P

PCS Specs

Battery Voltage Range	716.8VDC
Max. Current (AC)	792A
Max. Output Power	550kW
Rated Output Power	500kW
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	98.2%
Transformer	Optional

Grid-tied Certificates	CE LVD IEC 62477, CE EMC IEC 61000, EN 50549-1:2019, G99, AS4777
Safety Certificates	
EMC Certificates	

Cooling System Specs

Cooling type	HVAC	Operation Mode	Refrigeration and heating
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Fire Protection Specs

Fire Protection Type	Gas firefighting system FM200
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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



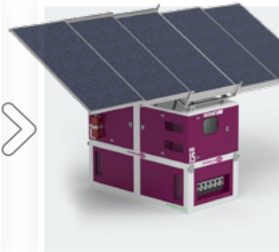
BIO DIESEL



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



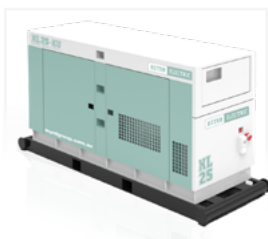
MOBILE



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