

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 50-100 Specs

Rated Output @ 25°C	50kW
Rated Output Voltage	400V@50Hz,3ph.
Battery Storage Capacity	100.35kWh

Loading Dimension(LxWxH)	2250 x 1130 x 2250mm
Weight	2100kg
Operating Temperature	-20 to 50
Max Altitude	3000m(> 2000m derating)



PC 50-100

Battery Specs

Cell Type	LFP(LiFePO4)	Pack Rated Voltage	51.2VDC
Pack Model	MF51280	Cyclic 140A(0.5C)Life	6000(0.5C@90%DOD)
Pack Capacity	14.336kWh	Charger/Discharge Current	140A(0.5C)
Battery Voltage of Rack	358.4VDC	Connection of Rack	7S1P

PCS Specs

Battery Voltage Range	358.4VDC	AC Input Voltage Range	340~460Vac
Max. Current (AC)	79.4A	Rated Frequency Range	50/60Hz
Max. Output Power	55kW	PF	1 lagging - 1 leading
Rated Output Power	50kW	AC Connection	3W+N+PE
Rated Voltage	400Vac	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



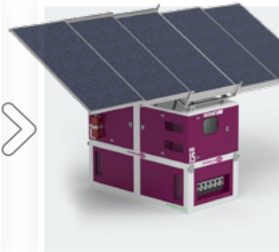
BIO DIESEL



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



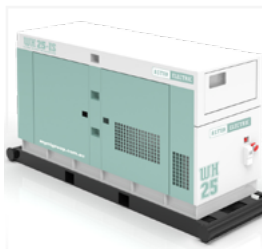
CONTAINER



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