

# purple pod 20

## POD - 20 Spec Sheet



# purple pod 20



## Easy, Fast Set-Up

- Compact design for freight and storage
- One touch battery hydraulic deployment of solar panel array
- 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

## Easy Maintenance

- Single side servicing
- External drain points access
- Full access to engine
- Full access to inverter/battery bay

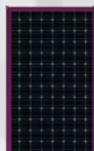
## You're In Control

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

## General Specifications

System Rated Output Power	20 kVA
Rated Output Voltage	400V/230V@50Hz/60Hz
Min.Battery Storage Capacity	10 kWh
Max.Battery Storage Capacity	30 kWh
Output Terminals	Copper terminals & CEE 32A/5P Socket
Expand Dimension(W*D*H)	2928 x 5400 x 3350mm
Loading Dimension(W*D*H)	2928 x 1150 x 2550mm
Net Weight (Kg)	2614kg
Loading Capacity of 40'HC	8 units
Discharge Temperature Range °C	-20 to 50





#### Loading Dimension(W\*D\*H)

2928 x 1150 x 2550mm

#### Expand Dimension(W\*D\*H)

2928 x 5400 x 3350mm

## Generator Set

Prime Power	20 kVA
Fuel Consumption	5.5 L/h@100% load
Fuel Type	Diesel
Fuel Tank Capacity	18 hour Bunded Fuel Tank
Base Functions	Automatic Start-up / Alarm / Automatic Stop / Emergency Stop

## Solar Panel

Maximum Power	460W
Power Tolerance	0~+5W
Max-Power Voltage (Vm)	35.16VDC
Max-Power Current (Im)	13.08A
Qty.	5pcs

## Energy Storage Battery

Cell Type	LFP(LiFePO4)
Pack Model	MF51150A
Pack Capacity	7.7 kWh
Pack Rated Voltage	51.2 VDC
Discharge Depth	90%
Charger/Discharge Current	135 A(1.0C)
Battery Rack Voltage	43.2V~59V43.2V~59V
Rated Cycle Life	>2000 80% DOD

## Hybrid Inverter System

Solar Controller	MPPT*4
Rated Output Power	20kW (0.8leading~0.8lagging)
AC Voltage Range	380~415Vac
Max.PV Current	26A X 4
Max.Charge/Discharge Current	97.60%
Max.Conversion Efficiency	97.60%

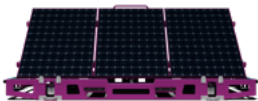
# Other Products Available for sale and rental

purple  
GlowBug



Hydrogen Light tower

purple  
Skidibee



Stackable Solar

purple



Purple Pod



Purple Cube



Hydrogen

ASTON ELECTRIC



XL SERIES



XL AND WH



WHISPER

FUCHTARDT



Lift & Shift



Static Storage



Containers

PIRATE SMART-TANKS



Lift & Shift



Static Storage



Tow tanks

SUMO  
PLUG N PLAY GEAR



Handheld Range



Midsize Distribution



Hardwire

purple  
lab

purple  
pod