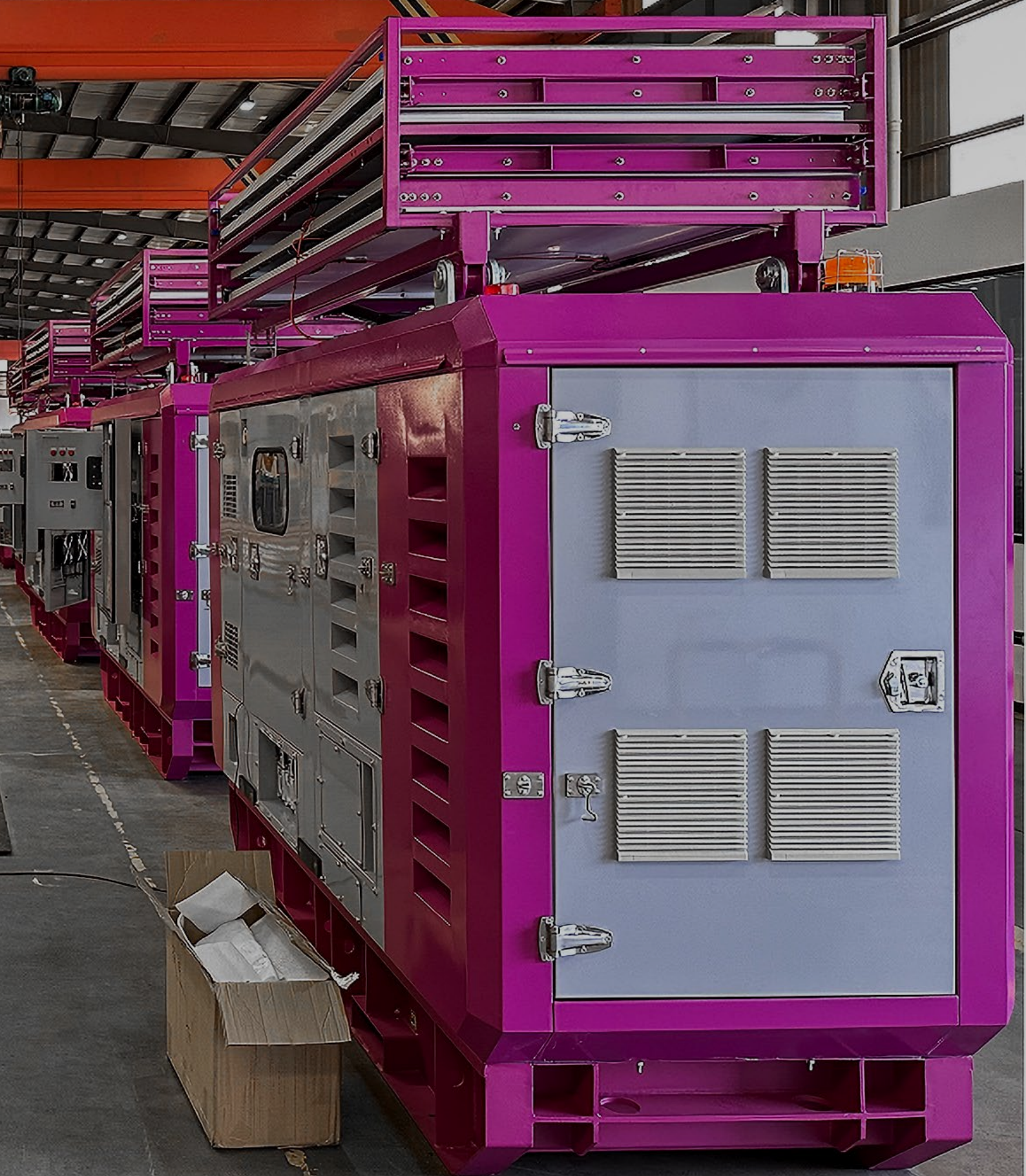


Purple POD

Spec Sheet Range



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

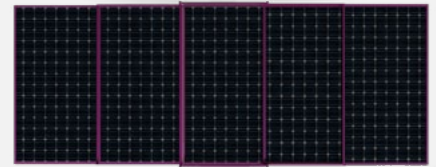
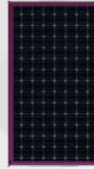
- Single side servicing
- External drain points access
- Full access to engine
- Full access to inverter/battery bay

You're In Control

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

General Specifications

Model	POD - 20
System Rated Output Power	20 kVA
Rated Output Voltage	400V/230V@50Hz/60Hz
Min.Battery Storage Capacity	30 kWh
Max.Battery Storage Capacity	30 kWh
Output Terminals	Copper terminals & CEE 32A/5P Socket
Expand Dimension(W*D*H)	2950 x 5400 x 3350mm
Loading Dimension(W*D*H)	2950 x 1150 x 2200mm
Net Weight (Kg)	3200kg
Loading Capacity of 40'HC	8 units
Discharge Temperature Range °C	-20 to 50



Loading Dimension(W*D*H)

2950 x 1150 x 2200mm

Expand Dimension(W*D*H)

2950 x 5400 x 3350mm

Generator Set

Prime Power	20 kVA
Fuel Consumption	5.5 L/h@100% load
Fuel Type	Diesel(Nature Gas Engine for option)
Fuel Tank Capacity	18 hours?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~59V
Rated Cycle Life	>2000 80% DOD

Hybrid Inverter System

Solar Controller	MPPT*4
EMS	-
AC Voltage Range	380~415Vac
Max.PV Current	26A*4
Max.Charge/Discharge Current	97.6%
Max.Conversion Efficiency	97.6%
Rated Output Power	20kVA(0.8leading~0.8lagging)