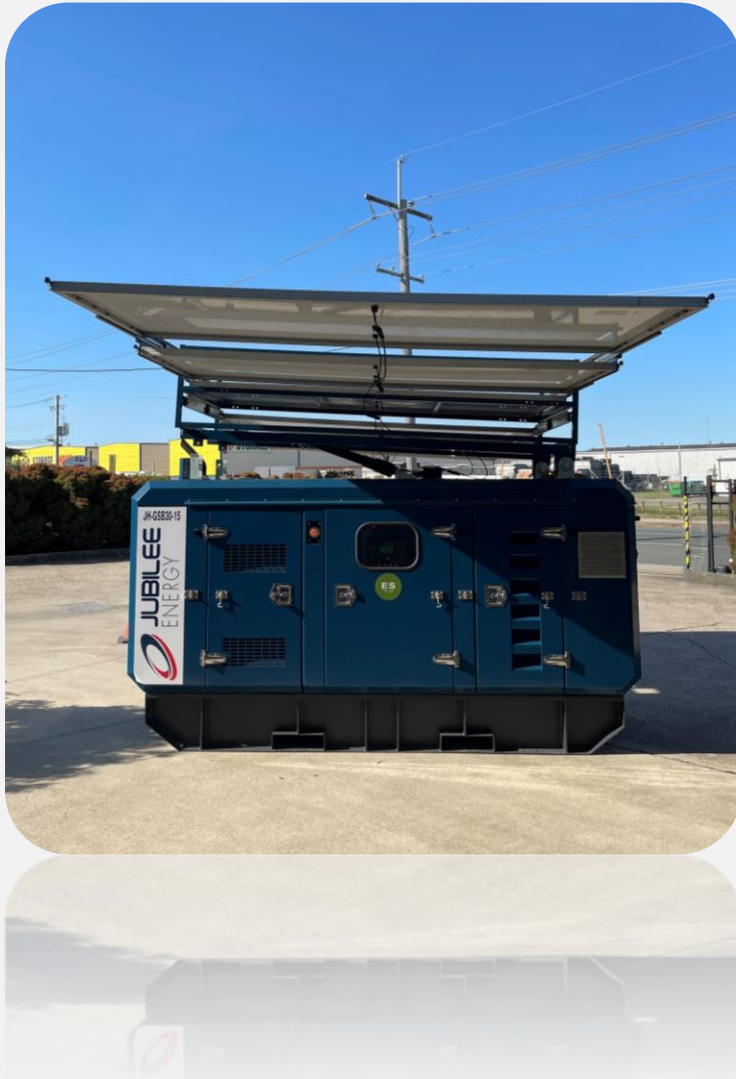


# MODEL: JPS-30-15

## Hybrid Power Station



### Design Standards

Our JPS models form a new range of secure integrated Jubilee hybrid power stations. The unit comprises of Diesel Generator, PV Solar Panels, Hybrid Solar Inverter, Battery Energy Storage System and Wind Turbines – all in one secure unit. The JPS range has been developed to reduce the dependence on mains power, thus lowering consumption cost.

### Benefits

- Integrated installation, convenient storage, and transportation
- High return on investment
- Simple operation and easy maintenance
- Power and capacity can be expanded, meeting different user needs.
- Customer customisation, suitable for various scenarios

### General Specification

Model	JPS-30-15
Rated Output Power	15 kW (Generator) & 15 kW (Battery)& 2.5 kW (Solar)
Rated Output Voltage	240V@50Hz,1ph.
Fuel Tank Capacity	100 litres with double-plate
Battery Storage Capacity	15 kWh
Max. Battery Storage Capacity	15 kWh
Expand Dimension (W x H x D)	2900*5420*3650mm
Loading Dimension (W x H x D)	2900*1150*2200mm

### General Specification (Continued)

Weight	1850kg
Loading Capacity of 40'HC	8 units
Operating Temperature Range	-15~50°C



**SOLAR PANELS**

MAX. POWER **2500**W

With HIGH EFFICIENCY

UP TO **22**%!!



**INTELLIGENT INVERTER**

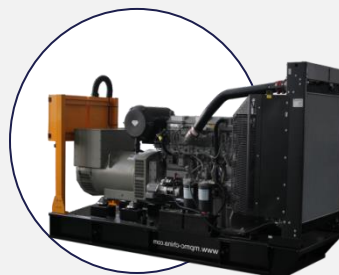
ONE PIECE FOR **SOLAR,**  
**BATTERY & DIESEL**  
**GENERATORS**



**DIESEL GENERATOR**  
RATED POWER: 15kW

With **LOW**  
**CONSUMPTION**

DOWN TO **5.3**  
L/H!!



Fits the practical application and guaranteed by high-quality manufacturing technology.

<b>Diesel Generator Set</b>	
Prime Power	15 kW/15kVA
Engine & Alternator	PERKINS & Jubilee Energy
Fuel Consumption	5.3 L/h@100% load
Time for Charger	1 hours
Full Tank Output Power	280 kWh (Max.)
Fuel Type	Diesel
Controller	DSE7320MKII
Base Functions	Automatic Start-up / Alarm / Automatic Stop / Emergency Stop / Load Management
<b>Solar Panel</b>	
Maximum Power	500W per piece
Power Tolerance	0~+5W
Max-Power Voltage (Vm)	38.5VDC
Max-Power Current (Im)	8.45A
Qty.	5pcs
<b>Energy Storage Battery</b>	
Type	LFP(LiFePO4)
Rated Capacity	5 kWh
Rated Voltage	51.2 VDC
Discharge Depth	90%
Charger/Discharger Current	97.7 A (1.0C)
Cycle limitation	2000 cycles
System Capacity	15 kWh
System Maximum Capacity	15 kWh
<b>Integrated Solar Power Inverter System</b>	
Inverter Type	Hybrid Inverter with solar charger and DRM - Output power 5KVA
P.F.	-1.0~ + 1.0
Quantity	3pcs
Voltage Range of BESS	220V~240V
Charge/discharge Current of BESS	≤120A
PV Controller	MPPT*2
Voltage Range of PV	150V~425V
Current Range of PV	≤13A