

General Technical Data		
Peak power(5s)	kWe/kVA	212/265
Peak power(60s)	kWe/kVA	165/206
Standby power(1h)	kWe/kVA	158/198
Prime power(12h)	kWe/kVA	120/150
Continuous power	kWe/kVA	96/120
Step Load@PF1.0	kWe	100
Step Load@PF0.8	kWe	80
Rated voltage (3Phase 50Hz)	VAC	400
Maximum peak current(5s)	A	383
Rated current	A	217
Interface	/	Ethernet (Modbus-TCP/RTU)
Sound power level	dB(A)	72@7m 75%load
Operating temperature	°C	-20-55°C (Derating over 50°C)
Humidity	/	0-95% (no condensation)
Maximum operating altitude	m	3000
Generator Set		
Standby power	kWe/kVA	132/165
Prime power	kWe/kVA	120/150
Frequency	Hz	50
Rated voltage (50Hz)	VAC	400
Maximum current	A	238
Rated current	A	216
Power factor	/	0.8
Cooling method	/	Water radiator cooling
Emission Compliance	/	Stage 3

Generator Set		
Fuel consumption@100% ESP load	g/kWh	206
Fuel consumption@100% PRP load	g/kWh	205
Fuel consumption@75% PRP load	g/kWh	226
Fuel consumption@50% PRP load	g/kWh	239
Battery Energy Storage System		
Nominal rated power	kVA	33
Nominal peak power(60s)	kVA	41
Nominal peak power(5s)	kVA	99
Nominal energy storage capacity	kWh	33
Rated voltage (3Phase 50Hz)	VAC	400
Nominal rated AC current	A	48
Overcurrent capability	/	up to 3 x recommended current
Power factor range	/	0 ind. ...1 ... 0 cap
Nominal round trip efficiency(w/o HVAC)	%	0.973
Cell chemistry	/	LiFePO4
DoD% (depth of discharge)	%	90
Maximum charging power	kW	16.5
Lifespan (80% DoD)	Cycles	3000
Battery Cooling method	/	Liquid cooling
Battery Heating method	/	Heating plate
DIMENSIONS AND WEIGHT		
Dimensions (L x W x H)	mm	3950*1100*2250
Weight	kg	3600
Corrosion Protection	/	C3 (C5M)
Protection Class	/	IP43

Foxmind1.0 Energy Management System

Auto working mode

- Hybrid mode
- EnergyPack mode

Diesel Generator Management System (GMS)

- Short circuit, overcurrent, overvoltage, phase unbalance, lack of phase protection of generator sets.
- Maintenance reminder of diesel generator sets

Energy Storage Management System

- Overcharge, overdischarge, overcurrent, short circuit, phase imbalance and phase loss protection.
- Battery health check
- Battery temperature protection
- Battery temperature control
- Insulation detection

Other features

- Refueling monitoring
- Fuel volume monitoring
- Power generation monitoring
- Multifunctional report
- Parallel operation for up to 16 units equipments

Optional

- Parallel to the grid
- UPS

SCOPE OF SUPPLY

Canopy

- High strength structure, high IP protection container 20GP

Security



- Internal locker for batteries.
- Anti-theft hinges and door lockers.

Transportability

- Transport Efficiency: The design includes a lifting eye, skid frame with forklift pockets, anti-theft features.

OPTIONALS

Optional Colors

- Color 1 
- Color 2 
- Color 3 

* Foxtheon has the right to modify any feature without prior notice. The images are indicative and may not coincide in their entirety with the product. Images non contractual.

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