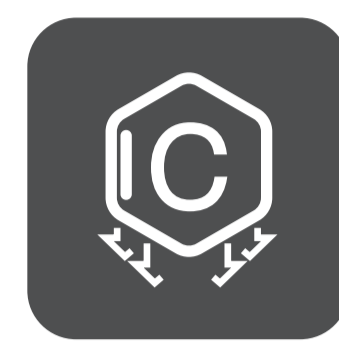


EnergyPack



ZERO EMISSIONS



ZERO NOISE



PEAK SHAVING



LOAD SHARING



PLUG&PLAY



RENEWABLES INTEGRATION

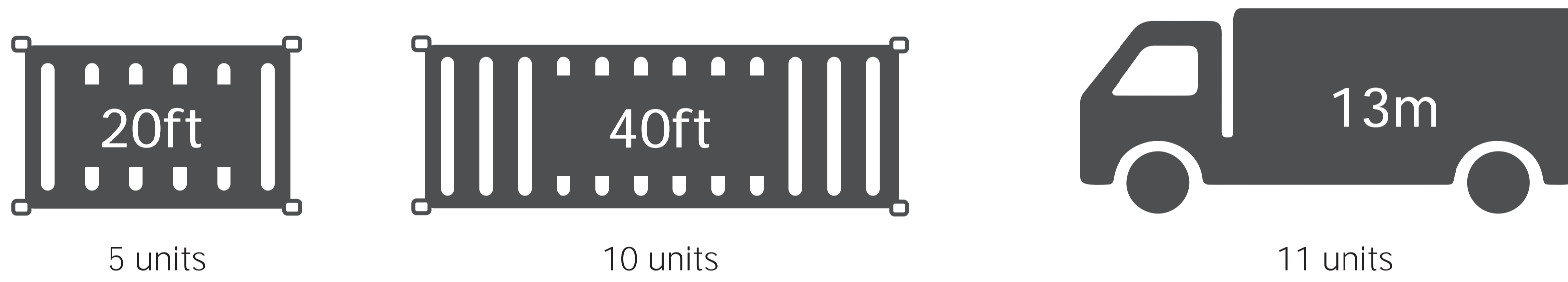
PERFORMANCE		P60	P60 MAX
Nominal rated power	kVA	68	100
Overload power(60s)	kVA	85	125
Nominal peak power(10s)	kVA	200	250

ELECTRICAL		P60	P60 MAX
Rated voltage	VAC	415	
Output voltage range	VAC	400 (-10%~+15%)	
Frequency	Hz	50(60)	
Power factor range		0 ind. ...1 ... 0 cap	
Nominal AC current	A	94	139
Max AC current(10s)	A	278	347

ENERGY		P60	P60 MAX
Cell chemistry		LiFePO4	
Nominal capacity	kWh	68	102
Effective capacity	kWh	61.2	91.8
Recharging time	Hours	2h@34kW	2h@51kW
Discharging time	Hours	1h@61kW	1h@92kW
System round trip efficiency	%	up to 96%	
DoD% (depth of discharge)	%	90	
Lifetime (80% DoD)	Cycles	7000	
Battery management system		Automotive grade BMS	
Temperature control		Liquid cooling / PI heating film	

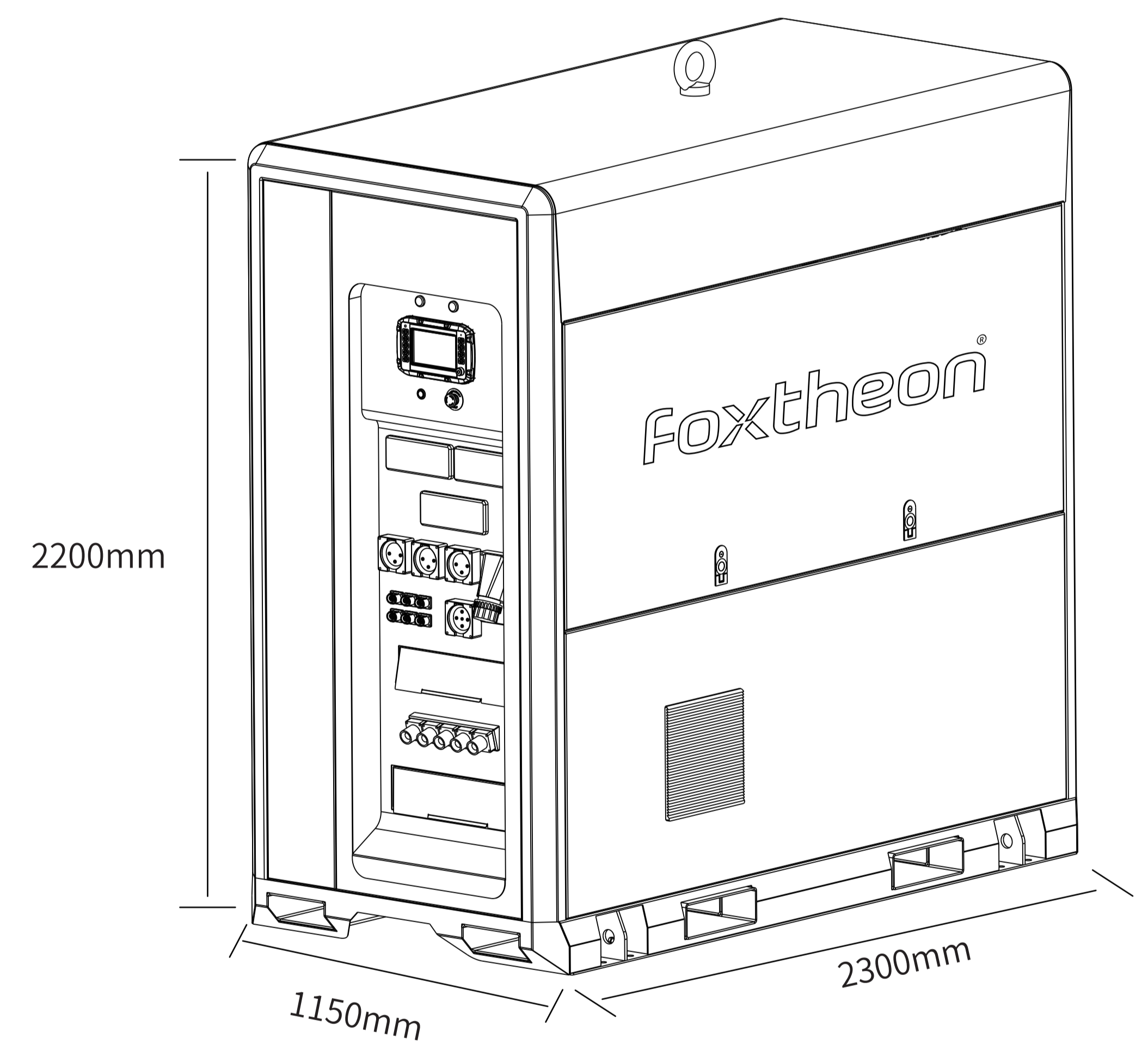
ENVIRONMENTAL		P60	P60 MAX
Protection class		IP54	
Corrosion protection		C3 (C5M)	
Operating temperature	°C	-20 to +50	
Humidity		0-95% (no condensation)	
Maximum operating altitude	m	3000	
Sound power level	dB(A) @1m	<50	

MECHANICAL		P60	P60 MAX
Dimensions (L x W x H)	mm	2300*1150*2200	
Weight	kg	1900	2200



SOCKETS

		P60	P60 MAX
Input	POWERLOCK 5P 400A	1	1
	AS AC 415V 5P 50A	1	1
	Andersen PV Input	6	6
Output	AS AC 250V 3P 15A	3	3
	AS AC 415V 5P 50A	1	1



SCOPE OF SUPPLY

Canopy

- High strength structure, high IP protection container

Security

- Internal locker for batteries.
- Anti-theft hinges and door lockers.
- Earth pin without grounding rod.

Transportability

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

OPTIONALS

- Custom colors
- Custom sockets distribution (input and output)
- Extended galvanized baseframe
- Integrated mains control
- Integrated PV inverter
- EV Charge point
- STS panel
- Trailer

CONTROL	
Control panel	Industrial grade rugged 7" HMI with configurable presets, data visualisation and logs
Protection	Overload, Overheat, Short Circuit, Earth Fault
Temperature control	Active forced air cooling
Remote generator start	Dry contact relay / MODBUS
Remote connectivity	Data-efficient M2M communications via cellular IoT and user notifications to Internet connected devices
Remote automation	FoxCloud Web APP

FoxMind Energy Management System

FoxMind EMS is an intelligent hybrid power management system that automatically controls power distribution between generator, battery storage, PV, and mains systems, determining the most economical mix of power management of the whole system. It provides a simple and guided operation experience in choosing the appropriate working mode for any scenario, ensuring you a safe, efficient, and reliable energy supply.



Multiple Working Mode

Provides multiple operating modes selection for different working scenarios. The full functions EMS supports Island mode, Automatic Mains Failure, Fixed power, Peak shaving, Load take-over, Mains power export etc.



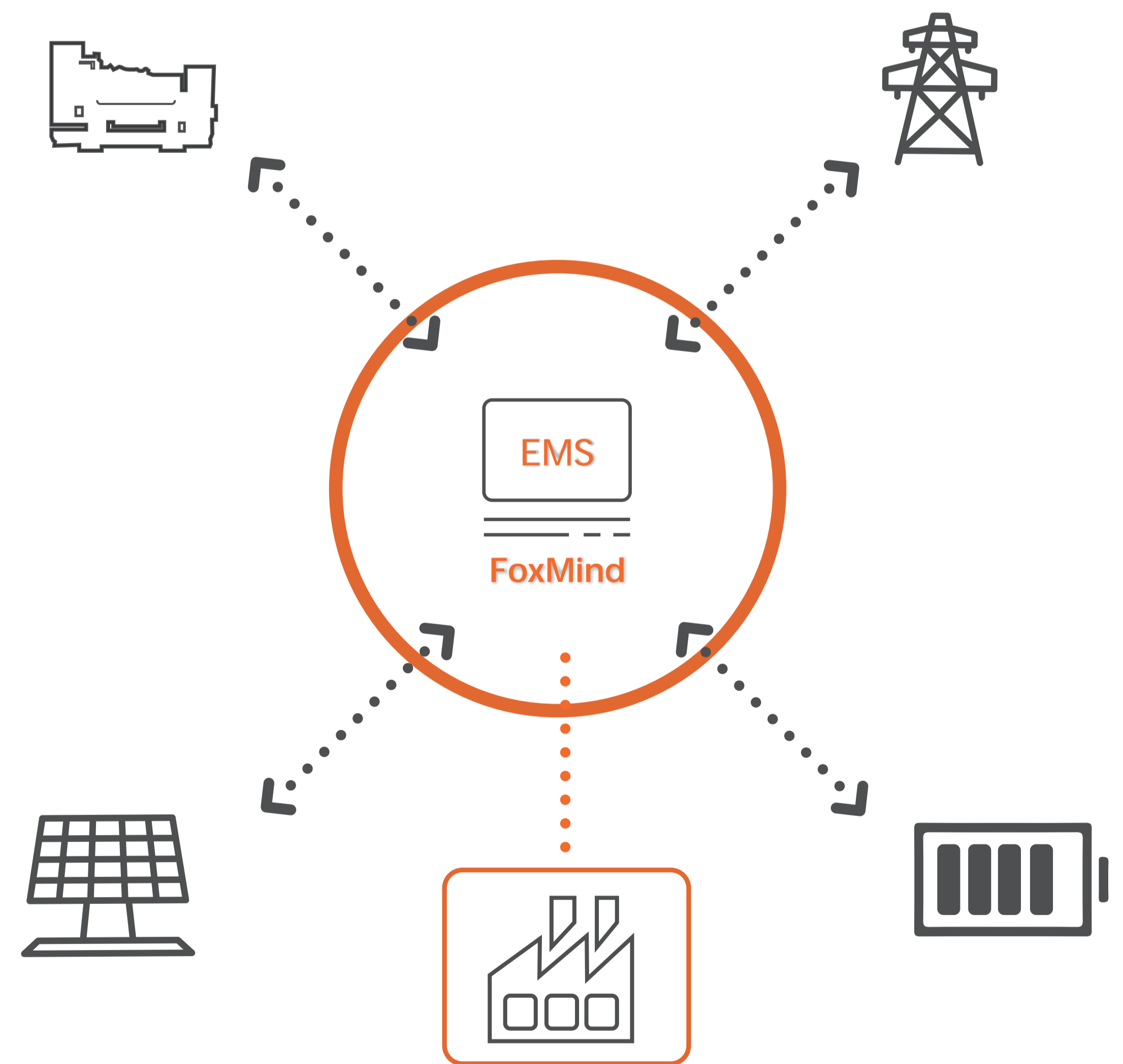
Integration Capability

The FoxMind EMS can automatically integrate various energy sources of generator, battery storage, PV, mains and provide seamless power switch.



Scalability

The power and capacity can be expanded by parallelling with multiple EnergyPack BESS and generators.



* 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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