

EnergyPack



ZERO  
EMISSIONS



ZERO NOISE



PEAK  
SHAVING



LOAD  
SHARING



PLUG&PLAY



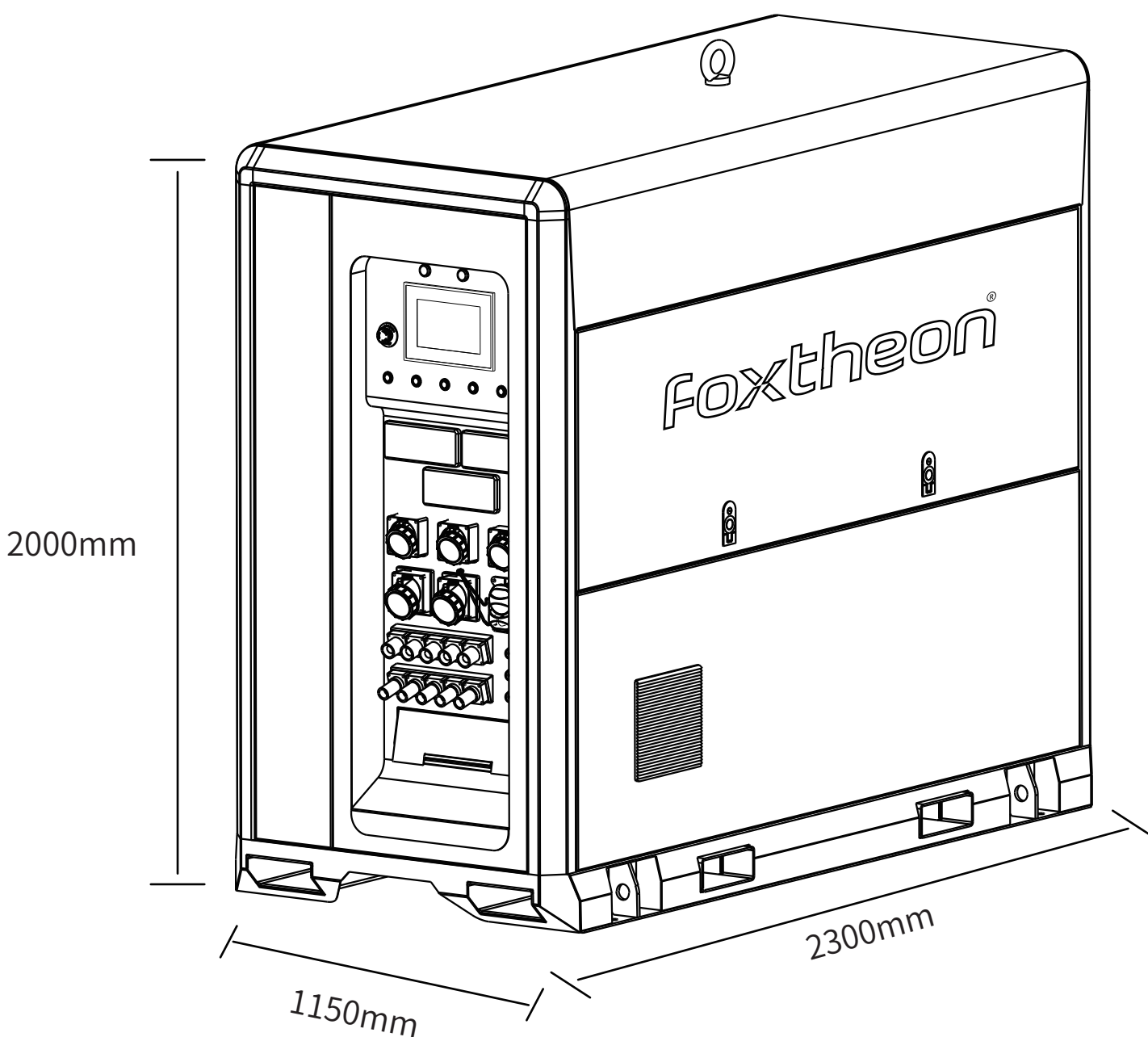
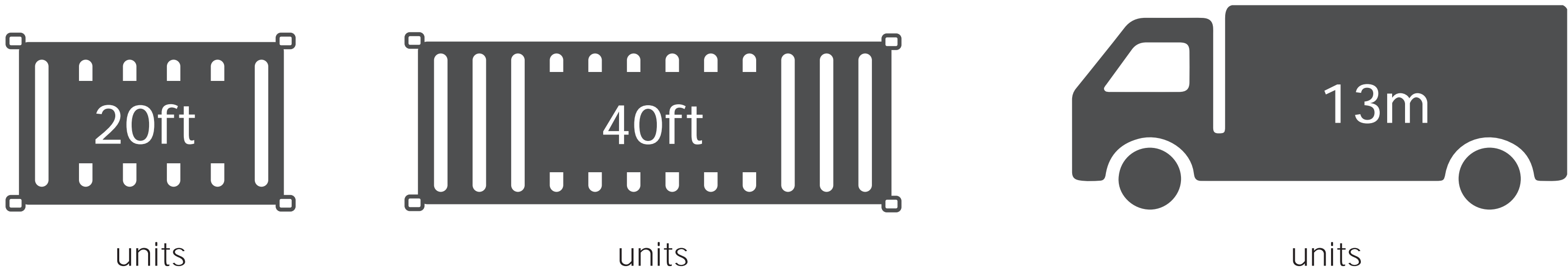
RENEWABLES  
INTEGRATION

PERFORMANCE		P60	P60 MAX
Nominal rated power	kVA	66.5	100
Overload power(60s)	kVA	83	125
Nominal peak power(10s)	kVA	188	250
ELECTRICAL			
Input voltage range	VAC	400	
Output voltage range	VAC	400	
Frequency	Hz	50(60)	
Power factor range		0 ind. ...1 ... 0 cap	
Maximum AC current	A	271	360
ENERGY			
Cell chemistry		LiFePO4 (Lithium Iron Phosphate)	
Nominal capacity	kWh	68	102
Effective capacity	kWh	61.2	91.8
Recharging time	Hours	2h@33kW	2h@50kW
Discharging time	Hours	1h@60kW	1h@90kW
System round trip efficiency	%	up to 96%	
DoD% (depth of discharge)	%	90	
Lifetime (80% DoD)	Cycles	7000	
Battery management system		Automotive grade BMS	
Maintenance charge cycle		≤ 36 weeks	
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*2000	
Weight	kg	1600	1900



SOCKET OPTIONS

		P60		P60 MAX	
Input		OP1	OP2	OP1	OP2
	CEE AC 400V 5P 125A	1	/	1	/
	POWERLOCK	/	1	/	1
Output	CEE AC 230V 3P 32A	3	3	3	3
	CEE AC 400V 5P 63A	2	2	2	2
	CEE AC 400V 5P 125A	1	/	1	/
	POWERLOCK	/	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 10” touch screen 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

P60/ P60 MAX

FoxMind Energy Management System

FoxMind EMS is a 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.

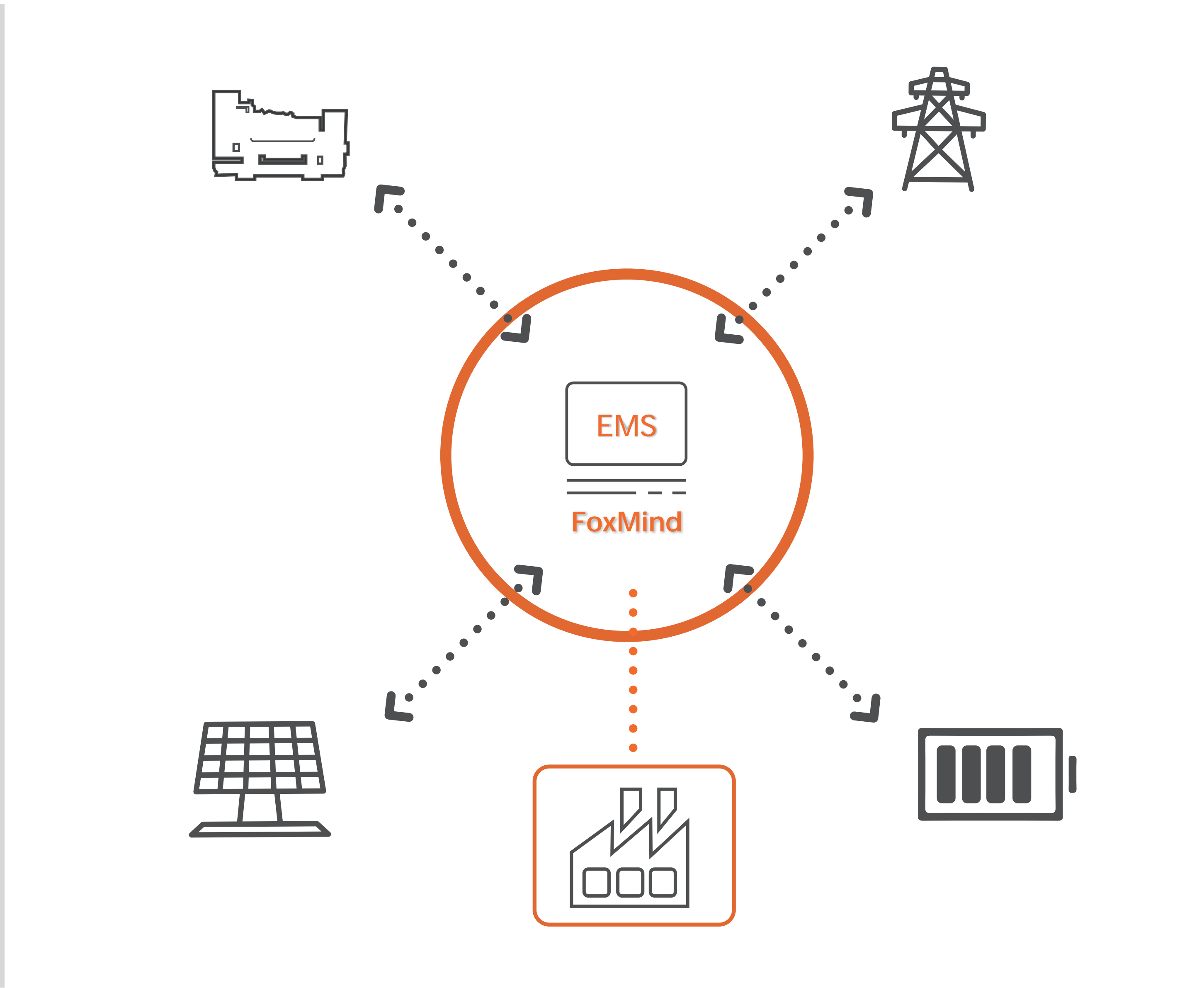
Integration Capability

With the optional control units, the FoxMind EMS can automatically integrate various energy sources of generator, battery storage, PV, and mains.

Scalability

The power and capacity can be expanded by paralleling a maximum of 16 EnergyPack BESS.

With the optional generator control units (GCU), the system allows a maximum of 32 generator paralleling.



\* 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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