

## ESS&EV Charging Cabinet

The Ener Hexon® Smart 60 integrates a smart controller high-power battery rack, DCDC module, onboard&fast charger, temp control, fire fighting system, electrical auxiliary in a unified cabinet design. A 60kW/60kWh system managed by BMS and EMS for efficient energy control.

## Ener Hexon® Smart 60



### Safe

Smart warning ensures energy storage safety and precise temperature control extends product life.



### Simple

Lightweight small cargo truck for urban transportation, supporting mobility on various city roads.



### Smart

Cloud-based smart operation and maintenance, AI-enabled remote monitoring and early warning ensure the full lifecycle of batteries.



## Technical Parameters

Model	YTEMCI-6060HV/1CL-01	
ESS parameters	Rated energy	61.4kWh
	Rated capacity	100Ah(cell:LFP-3.2-100)
	Rated voltage	614.4Vdc
	Battery voltage range	537.6 ~ 691.2 Vdc
	Rated charge/discharge current	100A
System discharge parameters (vehicle charging)	Output power	60kW
	Output voltage	200~1000Vdc
	Constant power range	300~1000Vdc
	Max. output current	200A
	Charging port	GB(7m cable)
System charge parameters (ESS discharging)	Rated power	AC charger 6.6 kW,DC charger 60kW
	Input voltage	AC charger 220 Vac,DC charger 538~700Vdc
	Max. input current	AC charger 32A, DC charger 100A
Efficiency	Discharge Max. efficiency	96%
	Recharge Max. efficiency	94%
General parameters	Operating temperature	ESS charging:0°C~50°C(>45°C derating) ESS discharging:-20°C~50°C(<0°C or >45°C derating)
	Storage temperature	-20~45 °C (SOC@30%~50%, <6 months)
	Relative humidity	5~95%, no condensing
	Altitude	3000m (> 2000m derating)
	Cooling mode	Smart fan
	Dimension	800*1270*1170 (W*D*Hmm)
	Weight	700 kg
	Ingress protection	IP54
	Noise	<65dB
Communication mode	CAN,RS485,Ethernet	

■ Product continues to iterate, specifications may be updated without prior notice.

