

LY Trailer Power

iTrailer



Low Cost

- It can use different stages of peak load shifting, improve power utilization and gain profit from price differences.



Freedom of Movement

- It can be moved to any place freely, which solves the limitation of power consuming scenarios.



High-power Fast Charging

- 200 kWh power can charge 4 cars at 50 kWh each, and a single 180 kW high-power charging gun can fully charge a car within 20 minutes.



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Category	Item	Technical Parameters
BES	Battery Pack Capacity	200kWh
	Battery Pack Voltage	652.8V
	Cell Capacity	304Ah
	Grouping Mode	(C box* 4 + G box *2) *1
	How the System is Combined	204S1P*1
	Max Vehicle Charging Current	300A (Recommended)
	Battery Pack Top-up Cut-off Current	50A
	Battery Pack Discharge Cut-off Voltage	510V
Charging Gun Parameters	Charging Cable(1)Output Power	90kW*2 (Double Guns) 180kW (Single Gun) (CCS1/CCS2 Plug optional)
	Charging Cable(2)Output Power	
	Charging Cable Outputs Current	0-200A
	Charging Cable Output Voltage Range (Vdc)	200~1000
	Communication Protocol	OCPP1.6J
DC Input	Energy Storage DC Energy Replenishment Method	200A (CCS1, CCS2 Charging dock optional)
PV Input	MPPT/45kW	PV/DC430~750V
AC Output	Alternating Current Output	100kW (380V Industrial sockets63*2; 125*1) 220V16A*1
AC Input	Energy Storage AC Replenishment Mode	63A (Industrial Socket)
Basic Parameters	Operating Temperature Range (°C)	-10~60°C
	Storage Temperature Range (°C)	0~40°C
	Storage Ambient Humidity (RH)	5%~95%
	Working Environment Humidity (RH)	<85%
	Degree of Protection	≥IP65
	Cycle Life	≥5000Times (90%DOD,>80EOL)
	Thermal Management	Liquid cooling
	HMI	10-Inch touchscreen
	Size (L*W*H)	2300*1500*1300 mm
	Weight	2200Kg
	Housing Material	Sheet metal
Anti-Corrosion Rating	C4	

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