YURIPOWER

125 kW / 261 kWh

ENERGY STORAGE

From the cabinet, to a working system.

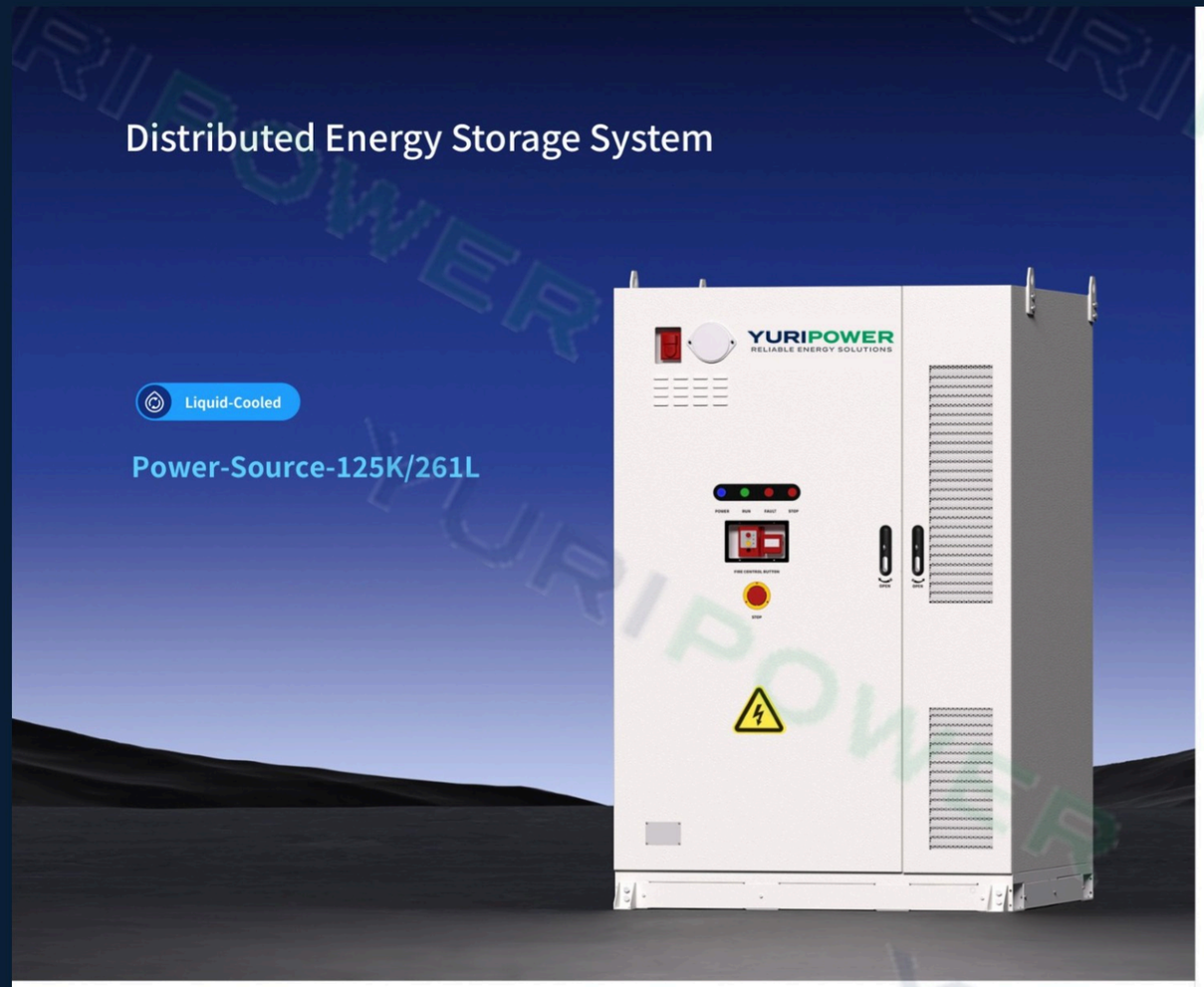
Liquid-cooled distributed storage leads the range. C&I cabinets, residential stacks and containers are configured per project.



RELIABLE ENERGY SOLUTIONS

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Distributed Energy Storage System



Liquid-Cooled

Power-Source-125K/261L

Precise Thermal Control
Liquid-cooled thermal management ensures uniform heat dissipation, with in-pack temperature variance ⩽3 °C

Plug-and-play
Modular design, scalable on demand, plug-and-play

Long Lifespan
Premium battery cells provide ultra-long cycle life and efficient energy release

Safe & Reliable
6-fold electrical protection with proactive risk warning

Specification	Models	Power-Source-125K/261L
System Parameters	System Capacity	261 kWh
	Rated Power	125 kW
	Rated Grid Voltage	380/400V AC
	Voltage Range	-15 % ~ +15 %
	Rated Grid Frequency	50 Hz/60 Hz
	IP Rating	IP54
	Operating Temperature	-20~+55 °C (Derated Above 45 °C)
	Operating Humidity	0~95 % RH (non-condensing)
	Corrosion Resistance	C3 (C4/C5 Optional)
	Cooling Method	Liquid-Cooled
	Fire Protection System	Perfluorohexanone, Combustible Gas, Smoke, and Temperature Detection, Audible & Visual Alarm, Water Firefighting interface
	Dimensions (W × D × H mm)	1400 × 1400 × 2150 mm (Excluding Lifting Ring)
	Altitude	2000 m (Derated Above 2000 m)
	Total Weight	Approx. 2800 kg
	Communication Interface	RS-485/Ethernet
	Communication Protocol	Modbus RTU/Modbus TCP
DC Side Technical Parameters	Battery Type	LFP-314 Ah
	Cell	3.2 V/314 Ah
	System Configuration	1P260S
	DC Rated Voltage	832V DC
	DC Voltage Range	728V DC~936V DC
	Battery Pack IP Rating	IP67
	System Certification	GB/T36276; UN38.3; MSDS
	PCS Certification	IEC62109-1/-2; IEC62477-1; EN50549-1/-2/-10

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Distributed Energy Storage System



Liquid-Cooled

Power-Source-125K/261LA

Compact
With a footprint of only 1.4㎡, it enables easy transportation and fast installation

High Integration
261 kWh energy in one cabinet with remarkable

Efficient Cooling
Optimal in-pack duct design achieves highly efficient cooling with low energy consumption

Long Cycle Life
⩾8,000 times cycle life, excellent performance of battery system

Ultimate Safety
In-pack fire warning and protection with aerosol, prevents heat diffusion and thermal runaway

Flexible Expansion
Modular design, simplified parallel expansion

Specification	Models	Power-Source-125K/261LA
DC Side	Cell Type	LFP/314 Ah
	Pack Configuration	52.2 kWh/1P52S
	System Configuration	261 kWh/1P260S
	Rated DC Voltage	832 V
	DC Voltage Range	728~936 V
	Max. Charge/Discharge Rate	0.5 P
	Rated Output Power	125 kW
AC Side	Rated AC Voltage	400 V
	AC Voltage Range	±15 %
	Grid Type	3 P + N + PE
	Rated Frequency	50 Hz/60 Hz
	Power Factor	0.99/-1~ +1
	THDi	⩽ 3 %
	DC Ratio	＜ 0.5 % Ipn
	Max. Round Trip Efficiency	89 %
General	Cycle Life	⩾8,000 Cycles
	Communication	Modbus TCP/IP
	Fire Protection System	Aerosol, Water Firefighting Interface
	Ingress Rating	IP55
	Cooling Method	Liquid-Cooled + Forced-Air-Cooled
	Operating Temperature	-25 °C~55 °C (Derating Above 45 °C)
	Corrosion Resistance	C4 (C5 Optional)
	Humidity	0~95 % RH (non-condensing)
	Noise	⩽75 dB
	Altitude	3000 m (Derating Above 2000 m)
	Dimensions (W × D × H mm)	1050 × 1350 × 2400 mm
	Weight	2600 kg
	Safety/EMC Standard	UN38.3, IEC62619, IEC63056, EN/IEC62477-1, EN/IEC61000-6-2/-4, IEC62933, MSDS
	Grid Connection Standard	EN50549-1/-10, EN50549-2/-10, G99, VDE4105, NRS097, C10/11, CEI0-21, CEI0-16

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The cabinet is only the start. The system is matched to the site.

YURI POWER was established in 2016 and is headquartered in Zhengzhou, China. The company engineers and supplies PV, BESS and hybrid microgrid solutions for commercial, agricultural, mining and weak-grid sites. Final models, ratings and scope of supply are confirmed in mutually approved technical documents.

Product range

Lead product: liquid-cooled distributed storage at 125 kW / 261 kWh. C&I cabinets at 50 / 100 / 125 kW with 100 / 200 / 215 / 233 kWh. Residential stacks and container systems are configured per project.

Engineering

System design, technical review and equipment selection. PV + storage + diesel microgrids, capacity matching, drawings and BOM, with implementation support through local partners.

Supply

PV modules, inverters, storage, diesel generators and transformers can be matched in one project. Built for overseas EPCs, contractors, distributors and project owners.

COMPANY

Turn load and grid conditions into a configuration you can execute.

2016
Founded in Zhengzhou

50 kW–1000 MW
System range

500+
Projects delivered

ISO 9001
Quality management

The supply range also includes PV modules 540–720 W, inverters 0.8–320 kW, diesel generators 22 kW–2000 kW+, and oil-immersed / dry-type transformers.

Useful to send

Site photos and location, load or transformer data, grid conditions, and the target kW / kWh.

Images on this page are for product-line introduction and do not constitute a quotation or technical commitment. Electrical, mechanical and certification data are provided in the corresponding datasheet from YURI POWER.