



About Paris Rhône Energy

Committed to sustainable, cleaner energy storage products, and patents 100+ in ESS filed. Paris Rhône is a leading energy technology company that provides advanced power grid software solutions backup and prime power systems for home and industrial applications, solar + battery storage solutions, virtual power plant platforms, and engine- and battery-powered tools and equipment.

All-in-one

Residential Energy Storage System

- 10-Year Warranty
- Safe & Reliable
- All-in-1
- Expandable Capacity
- Multiple Operation Modes
- Less Cost, More Energy
- IP65
- 24/7 Smart Monitor



Energy Storage System Series-Residential Energy Storage Battery Cabinet

EU Version		US Version		
AC Input Spec	Model	Single phase-PEX Pro (6kw/10kWh)	Three phase-PEX Max (12kW/ 10kWh)	Split phase-PEX US (8kW/ 10kWh)
	Max Input Power	6.0kW	13.2kW	8.0kW
	Nominal Voltage/ Range	230V/176V-270V	400V	110-120/220-240V split phase
	Frequency	50/60Hz		
Pv Input Spec	Max. Input Power	7.0kW	15.6kW	12kW
	Max. Input Current	14A*2	13A*2	14A*2
	PV Max. Voltage	550V	1000V	500V
	MPPT Range/Nominal Voltage	125V-500V/360v	125V-850V	120V~500V
	MPPT Efficiency	99.60%	98.20%	/
Battery Input Spec	Battery Input Voltage Range	48V~58.4V	150V~600V	44V~58.4V
	Maximum battery current (A)	200A/200A	50A/50A	200A/200A
	Lifecycle(time)	>10000(25℃)	>10000(25℃)	>10000(25℃)
	Normal Capacity	5120Wh*2	5120Wh*2	5120Wh*2
	Expansion Capacity	10.24kWh~76.8kWh	10.24kWh~76.8kWh	10.24kWh~76.8kWh
	Value of N	N:2~6	N:2~6	N:2~6
AC Output Spec	Rated Power	6kVA	12kVA	8kVA
	Max. Output Current	26A	19A	12.7A
	Nominal Voltage/ Range	230V/176V-270V	400V/360V-440V	110-120/220-240V split phase
	Frequency	50/60Hz	50/60Hz	50/60Hz
	THDI	<2%	<3%	<2%
	Power Factor	0.8Lagging~0.8Leading	(-0.8~0.8 Can be setting)	0.8Lagging~0.8Leading
Other Spec	European Efficiency	97%	97.50%	97%
	Communication	RS485, CAN		
	Protection Standard	IP65(Outdoor)	IP65(Outdoor)	IP65(Outdoor)
	Cooling Method	Natural Convection		
	Dimensions(N=2)	1608mm*309mm*610mm	1778mm*309mm*610mm	1608mm*309mm*610mm
	Weight	166.5kg	181kg	178.5kg
	Altitude	≤2000m	≤2000m	≤2000m
	Operating Temperature	-10~50℃	-10~50℃	-10~50℃
	Humidness	5%-95%	5%-95%	5%-95%
	Lifecycle	10 Years (20℃)	10 Years (20℃)	10 Years (20℃)
	Electromagnetic Cmpatibility	IEC/EN61000-6-1/6-3	IEC/EN62109/-2, IEC/EN62477-1/IEC61000-6-1/EN61000-6-3	UL1973/IEC62619/CE/UN38.3/VDE2510-50/RoHs
	Grid Regulation	CEI0-21/G98/G99	EN50549-1/Rfg:2016/NC Rfg:2018/PTPIREE:2021/G99/NRS 097-2-1: 2017	CEI0-21/G98/G99
	AC Output Topology	L+N+PE	3W+N+PE	L+N+PE
	Standby Power	<2W (Work) / < 5mW (Sleep)		