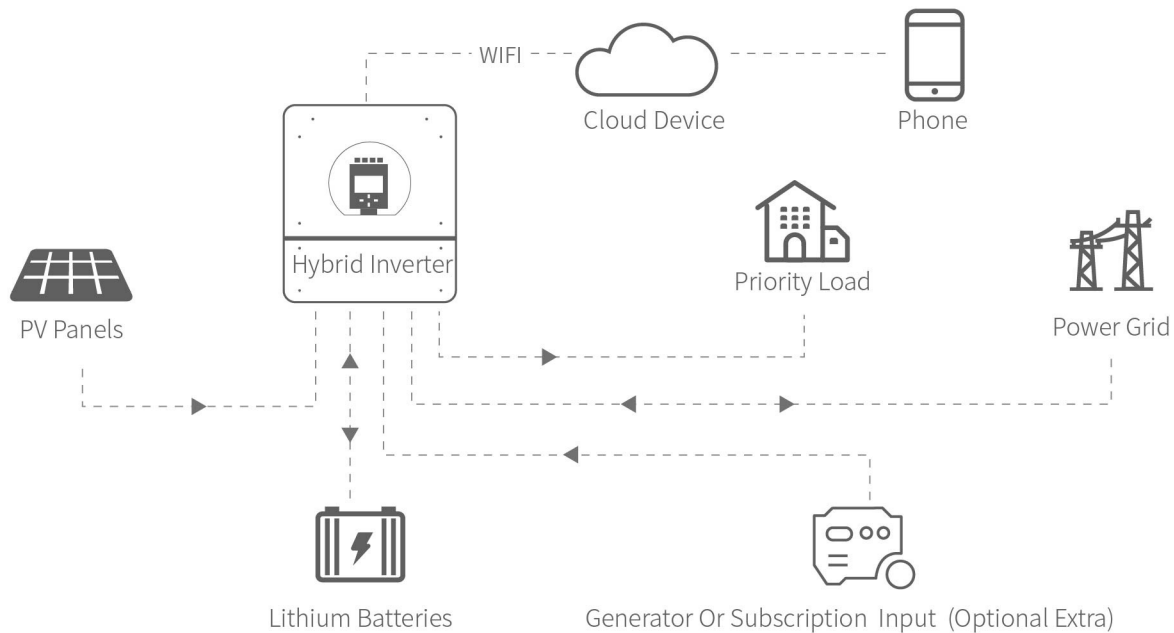


RESIDENTIAL ENERGY STORAGE SYSTEM

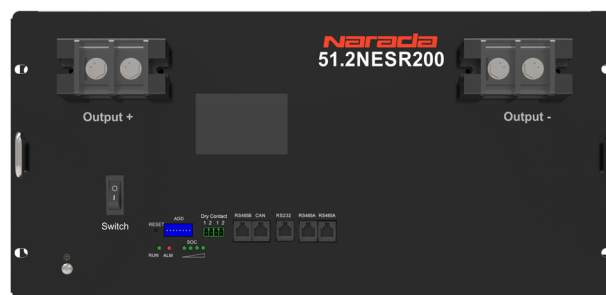


Narada Residential Energy Storage System Solutions



Technical Characteristics

Narada NESR48200LFP batteries are widely used in residential energy storage, small UPS system, photovoltaic off-grid base station, etc. It has excellent charge-discharge performance, long service life, high safety and reliability with portable modular installation, which is suitable for 19-inch cabinet or stack installation.



Deep cycling and long service life



Modular design and easy to install



Excellent safety performance



Communication Mode: CAN, RS485



Supporting parallel expansion



Good compatibility and wide application

Specification



Parameters		51.2NESR200
Nominal Voltage(v)		51.2
Nominal Capacity(Ah)		200
Nominal Energy(Kwh)		10.24
Discharge Current (A) (Max.)		200
Charge Voltage(V)		57.6±0.5
Charge Current (A)(Recomm.)		40
Charge Current (A)(Max.)		200
Typical Weight(kg)		85
Dimensions(W*D*H)(mm)		442.5X540X230
Status Indicators		SOC/RUN/ALM
Communication Ports		CAN/RS485
Communication In Parallel		16
Switch		Available
Operating Temperature	Discharge	Max.: -20 ~ 60°C,Recommend :10~35°C
	Charge	Max.: 0 ~ 60°C,Recommend :10~35°C
Storage Temperature		0~40°C
Humidity		5%~95%
Cycle Life (25°C)		≥6000
IP Level		IP20
Scalability		Up to 163.84kWh (16 groups)
LCD		Available
Gryo/Communication Antitheft		Optional

Parallel Expansion



Battery Module	2	3	4	5	6
Energy (kWh)	20.48	30.72	40.96	51.2	61.44
Voltage Range(V)	43.2 ~57.6				
Dimension (W*D*H)mm	555*550*560	555*550*840	555*550*1120	555*550*1400	555*550*1680
Weight(kg)	172	258	344	430	516
Recommend Charge Current(A)	40	60	80	100	120
Max. Continuous Charge Current(A)	200	250	300	350	400
Max. Continuous Discharge Current(A)	200	250	300	350	400

Company

Established in 1994, Narada Power Source Co., Ltd. provides products, system integration and services with lithium batteries and lead batteries as the core for the four application fields of data center, smart energy storage, industrial backup and green transportation. At the same time, Narada has created two industrial closed loops of "lead battery cycle industrial chain" and "lithium battery cycle industrial chain". We have carried out sales over 158 countries and regions around the world. Our advanced and reliable solutions have been well recognized all worldwide.



Certifications



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