



Small-Scale C&I ESS Solution

Jupiter HA-R



Exceptional Performance

- Automatically manage charge /discharge and balance current/ voltageLess self-discharge
- Up to 6 months without charging on shelf
- No memory effect, performs well with shallow charges and discharges



Flexible

- Supports parallel connection of multiple battery clusters.
- Supports connecting 3 to 12 battery packs in series, with a total capacity ranging from 15.36 kWh to 61.44 kWh.



Reliability

- IP20-rated for indoor environments
- Wide temperature range:-20°C~55°C



Safer

- LFP Battery : safety, long lifespan and high-energy density
- Built-in intelligent BMS, providing complete protectionProtection functions against over-discharge, over-charge,over-current,over-high or low temperature



Smarter

- Support remotely monitoring and upgrade
- Support USB and Wi-Fi(optional)upgrade



Technical Specification



Technical Data	Jupiter HA-R35~60					
Main Parameter						
Battery System Model	Jupiter HA-R35	Jupiter HA-R40	Jupiter HA-R45	Jupiter HA-R50	Jupiter HA-R55	Jupiter HA-R60
Capacity(kWh)	35.84	40.96	46.08	51.2	56.32	61.44
Battery Module Qty In Series(Optional)	7	8	9	10	11	12
System Nominal Voltage(V)	358.4	409.6	460.8	512	563.2	614.4
System Operating Voltage(V)	313.6~403.2	358.4~460.8	403.2~518.4	448~576	492.8~633.6	537.6~691.2
System Energy(kWh)	35.84	40.96	46.08	51.2	56.32	61.44
System Usable Energy(kWh)	32.25	36.86	41.47	46.08	50.68	55.29
Rated DC Power(kW)	35.84	40.96	46.08	51.2	56.32	61.44
Battery Type	LiFePO ₄					
Battery Module Energy(kWh)	5.12					
Battery Module Nominal Voltage (V)	51.2					
Battery Module Capacity(Ah)	100					
Charge / Discharge Current (A)	Recommend			50/50		
	Max			70/100		
Other Parameter						
Operating Temperature(°C)	Charge:0~55/Discharge:-20~55					
Storage Temperature(°C)	-10~35					
Display	Color touch display screen(Optional)					
Status Indicator	Green:Battery is properly power on,Red:Battery System Alarm					
Communication Port	CAN2.0/RS485					
Humidity	5%~85%RH					
Altitude	≤3000m					
IP Rating of Enclosure	IP20					
System Dimension (W×H×D, mm)	550×1740×602			550×2170×602		
System Weight Approximate(kg)	375	420	465	520	565	610
Installation Location	Rack-Mounted					
Recommend Depth of Discharge	90%					
Cycle Life *	≥6000 Cycles					
Warranty Period	5 / 10 years					
Certification	UN38.3,SDS,CE,IEC62619					

*Test conditions:0.2C Charging& Discharging. @25°C,90% DOD

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