STRATUS

SMALL-SCALE COMMERCIAL AND INDUSTRIAL
ENERGY STORAGE SYSTEM
RACK-MOUNTED

Space Adaptation · Flexible Scaling

Standard rack design for flexible integration
Modular expansion to match energy consumption needs
Supports high-rate rapid charging and discharging

Intelligent Operations

Battery health status monitoring
Automatic optimization of charging/discharging strategies
Remote fault early warning

Long-Life Reliability

LFP Battery Technology
Grade A Cells Ensure 6000+ Cycle Life
Perfluoro-2-methyl-3-pentanone fire suppression system
Multiple Reliability Certifications



JUNCESS IEC CE UN38.3 TÜVNORD ISO GB www.juncess.com sales@juncess.com

STRATUS

Model	JSH16
Battery Type	LFP
Single Module Parameters	
Rated Capacity	314Ah
Nominal Voltage	51.2V
Energy	16.07kWh
Discharge Cut-off Voltage	44.8V
Charge Limit Voltage	58.4V
Rated Charge/Discharge Current	168A
Maximum Charge/Discharge Current	200A
Recommended Charge/Discharge C-rate	0.5C
Depth of Discharge (DOD)	95%
Product Weight	Battery125kg，Control box35kg
Product Dimensions (H*W*D) mm	Battery260*436*761,Control box260*436*761，Base Frame123*436*761
Protocol	RS485/CAN
Design Life	10years
Cycle Life	6000
Enclosure Material	SPCC
Operating Temperature	-20~55°C
Protecion Rating	IP20
Cooling Method	Natural cooling
Fire Protection System	Perfluoro-2-methyl-3-pentanone

System Model	JSH16-M4	JSH16-M5	JSH16-M6	JSH16-M7
Number of Batteries	4	5	6	7
Rated Energy	64.28kwh	80.35kwh	96.42kwh	112.49kwh
Rated Voltage	204.8V	256V	307.2V	358.4V
Minimum Voltage	179.2V	224V	268.8V	313.6V
Maximum Voltage	233.6V	292V	350.4V	408.8V
Product Weight	535±0.1kg	660±0.1kg	785±0.1kg	910±0.1kg
Product Dimensions (H*W*D) mm	1471*436*761mm	951*972*761mm	1211*972*761mm	1211*972*761mm

	JSH16-M8	JSH16-M9	JSH16-M10	JSH16-M11
	8	9	10	11
	128.56kwh	144.63kwh	160.7kwh	176.77kwh
	409.6V	460.8V	512V	563.2V
	358.4V	403.2V	448V	492.8V
	467.2V	525.6V	584V	642.4V
	1035±0.1kg	1177±0.1kg	1302±0.1kg	1427±0.1kg
	1471*972*761mm	1211*1508*761mm	1211*1508*761mm	1211*1508*761mm

	JSH16-M12	JSH16-M13	JSH16-M14	JSH16-M15
	12	13	14	15
	192.84kwh	208.91kwh	224.98kwh	241.05kwh
	614.4V	665.6V	716.8V	768V
	537.6V	582.4V	627.2V	672V
	700.8V	759.2V	817.6V	876V
	1552±0.1kg	1694±0.1kg	1819±0.1kg	1944±0.1kg
	1471*1508*761mm	1211*2044*761mm	1211*2044*761mm	1211*2044*761mm