

Specification

JNHS-Module

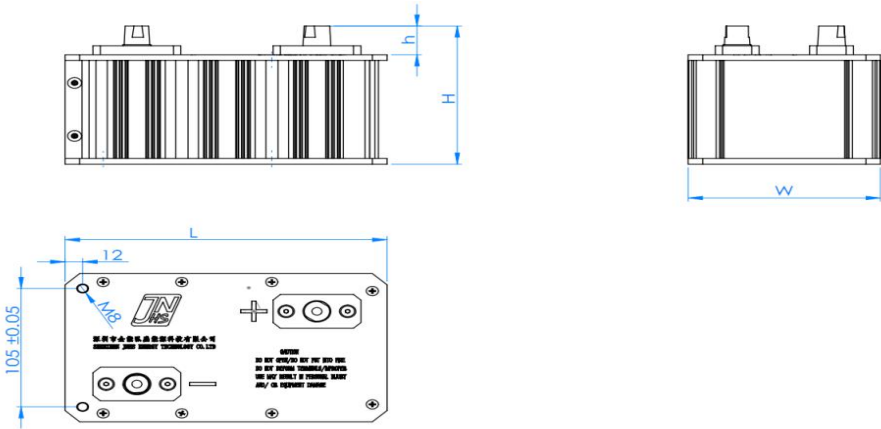
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Features	Application
Fast charge	Car power
Long life	Energy recovery
High power	UPS
Easy circuit arrangements	Peak shaving and valley filling
Low temperature	Wind power variable pitch

Module Number	JNHS16V108F	JNHS16V200F	JNHS16V500F
Rating capacity	108F	200F	500F
Min. capacity	108F	200F	500F
Max. capacity	118F	220F	550F
Rating voltage	16. 2V	16. 2V	16. 2V
Surge voltage	17. 1V	17. 1V	17. 1V
ESR	5mΩ	3. 7mΩ	2. 5mΩ
Max. continuous current (ΔT = 15℃)	55A	65A	79A
Max. continuous current (ΔT = 40℃)	90A	100A	130A
25℃Max. leakage current	2.2mA	3.5mA	5.8mA
High voltage insulation test	2, 500 VDC	2, 500 VDC	2, 500 VDC
Internal temperature sensor	NTC Thermistor	NTC Thermistor	NTC Thermistor
Cell	2. 7V650F	2. 7V1200F	2. 7V3000F
Cells Number(Pcs)	6	6	6
Cell Energy	0. 65Wh	1. 2Wh	3Wh
Energy	3. 9Wh	7. 2Wh	18Wh
Security test	QC/T 741; GB/T31484; GB/T31485 CE		
Chemical test	ROHS		
Temperature range	JNHS16V108F	JNHS16V200F	JNHS16V500F
Working temperature	-40℃~+65℃	-40℃~+65℃	-40℃~+65℃
Storage temperature	-40℃~+70℃	-40℃~+70℃	-40℃~+70℃
Power and Energy			
Max. available specific power	6. 2kW/kg	Maximum specific energy	4Wh/kg
Typical available specific power	5. 6kW/kg	Typical specific energy	3. 6Wh/kg
Maximum impedance matching power	5. 6kW/kg	Typical impedance matching specific power	5. 5kW/kg

Service life			
65°C Estimated DC life (Maintain rated voltage)	1,500hours	25° C Estimated cycle life	50 cycles
Capacitance variation (%)	25%	Capacitance variation (%)	20%
Internal resistance change (%)	110%	Internal resistance change (%)	100%
25°C Estimated DC life (Maintain rated voltage)	10 years	Test current	100A/75A/50A
Capacitance variation (%)	20%	Storage period (25° C)	4 years
Internal resistance change (%)	100%		

Size



Specification	JNHS16V108F	JNHS16V200F	JNHS16V500F
L	220mm(±0.5)	220mm(±0.5)	220mm(±0.5)
W	132mm(±0.5)	132mm(±0.5)	132mm(±0.5)
H	98mm(±0.5)	122mm(±0.5)	185mm(±0.5)
H (Electrode)	23mm(±0.5)	23mm(±0.5)	23mm(±0.5)
Wt	2.7KG	3.3KG	5.3KG

* The actual results may vary Additional terms and conditions including limited warranty, etc. shall be applied during procurement.
Refer to the warranty details for applicable operation and use requirements.
* Unless otherwise specified, product dimensions are for reference only Product dimensions and specifications are subject to change without notice.