

BOSA New Energy Technology Co.,LTD

COMPANY

Our main business covers lithium-ion battery and power system for energy storage, electric vehicles and marine applications. Based on the concept of learn from nature and contributed to nature we focus on technology innovation and manufacture process keep improving, aiming to be one first-class solutions provider. For excellent quality and performance our products are popular in more than 30 countries in the world.

PRODUCT



LF280-1P8S



LF105-1P12S



LF105-2P4S

Parameters	Product Module			Remark
	LF280-1P8S	LF105-1P12S	LF105-1P8S	
Cell Model	LF280	LF105	LF105	
Nominal Capacity(Ah)	280	105	105	
Nominal Voltage (V)	25.6	38.4	25.6	3.2V×cell series
Nominal Energy (kwh)	7.168	4.032	2.688	3.2V×Nominal capacity
Weight(kg)	45	27	18	
Operation Voltage(V)	20~29.2	30~43.8V	20~29.2V	each cell 2.5 ~ 3.65V
Operation Temperature	Charge: 0~55°C			
	Dicharge: -20~55°C			
Cycle Life	(25°C, 1C/1C, 100%DOD, 3000)			

ADVANTAGE

- 1.The module has temperature and voltage sensor pre-welded with wiring to the BMS, connection with BMS is "plug and play" type;
- 2.The module is of standard design and mature manufacture which has 120K electric vehicle application experience;
- 3.It's universal to all BMS, not limited to BMS types;
- 4.It's flexible in configuration, 12 Pcs cell could be 12.8V 19.2V or 38.4V;
- 5.The module could be used on electric bus/truck/utility vehicles, light vehicle, Golf car, forklifts and ESS without lead pollution.

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BOSA

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Learn from Nature
Contribute to Nature

BATTERY PACK



48V 280Ah for AGV



72V 420Ah for AGV



24V 100Ah for sweeper



48V 50Ah ESS



72V 230/280Ah for LSV



144V 206Ah for UTV

Custom Process

Customer Requirements Filling

Technical Framework Confirmation

Digital Simulation Design

Cost Accounting

Prototype Production

APPLICATION



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