Form

Data form for critical components and material information

Product Service

Applicant name and address ..... :	Shenzhen Kstar New Energy Company Limited The 9th Floor, R&D Building, Kstar Industrial Park, Guangming Hi-tech Industrial Zone, 518107 Shenzhen, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Manufacturer name and address..... :	Same as the applicant
Name and address of factory / factories..... :	Shenzhen KSTAR Science & Technology Co., Ltd. Guangming Branch Kstar Tech-Industrial Park, 7th Road, Western Area, Hi-Tech Industrial Zone, Tianliao Community, Yutang Street, Guangming District, 518107 Shenzhen City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Project-No./Report-No. ..... :	64.280.25.60664.01
Test item description..... :	Rechargeable Li-ion Battery System
Model/Type reference ..... :	BP48100PF1A-G2, BP48100P1A-G2, BP48100PF2A-G2, BP48100P2A-G2, BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF2A-G2-2P, BP48100P2A-G2-2P, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P
Device type ..... :	☐ component / ☐ sub-assembly / ☐ equipment / ☒ system

Ratings..... :	Nominal voltage: 51.2 Vd.c., Rated Capacity: BP48100PF1A-G2, BP48100P1A-G2, BP48100PF2A-G2, BP48100P2A-G2: 100 Ah, BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 200 Ah, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P: 300 Ah, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P: 400 Ah, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P: 500 Ah, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P: 600 Ah,

	BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P: 700 Ah, BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 800 Ah
Connection to supply ..... :	☐ N/A ☐ Permanent / ☐ Detachable cord set / ☐ Non detachable cord set / ☐ Direct plug-in / ☐ Battery operated / ☒ Others: Battery connector
Overvoltage category..... :	☐ I / ☒ II / ☐ III / ☐ IV / ☐ N/A
Pollution degree ..... :	☐ 1 / ☐ 2 / ☒ 3 / ☐ 4 / ☐ N/A
Class of protection ..... :	☒ Class I (PE connected) ☐ Class II (isolated) ☐ Class III ☐ Others: ☐ N/A
Product with functional earthing ..... :	☐ Yes ☒ N/A
Environmental conditions / Maximum ambient temperature..... :	Refer to Table for parameters
Equipment mobility / Classification of installation and use ..... :	☐ transportable / ☐ portable / ☒ stationary / ☐ mobile / ☐ fixed / ☐ permanently installed / ☐ hand-held / ☐ body-worn / ☐ building-in / ☐ Others:
Operating conditions ..... :	☒ Continuous / ☐ Short-time / ☐ Intermittent
Overall size of equipment (mm)..... :	Refer to Table for parameters
Mass of equipment (kg) ..... :	Refer to Table for parameters
Degree of ingress protection (IEC 60529, UL 50 / UL 50 E) ..... :	IP65
Noise emission [dB(A)] ..... :	N/A
Vibration [m/s²]	N/A
Connection to hydraulic power..... :	N/A

Connection to pneumatic power ..... :	N/A
Connection to water installation ..... :	N/A
Description of special features..... :	N/A

Additional information for Laser equipment, classification according to IEC/EN 60825-1:
☒N/A

Type:	N/A	Wavelength:	N/A	Output power:	N/A
Class:	N/A	Pulse duration:	N/A		

Data communication ports: ☐N/A

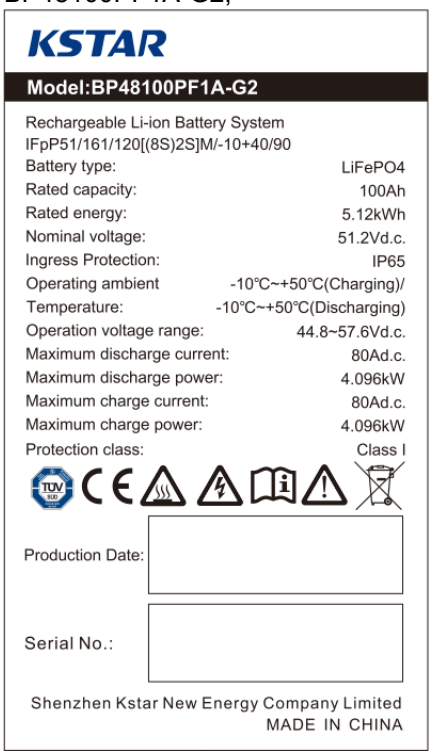
Wired ports..... :	☐N/A ☐USB ☐LAN ☐DALI ☒other: CAN bus
Wireless ports ..... :	☒N/A ☐Wifi ☐Bluetooth ☐NFC ☐4G/LTE ☐ 5G ☐Other:
Data Storage/ Processing..... :	☐N/A ☒Local ☐Cloud

Additional
IEC 60601-1 / EN 60601-1 / ANSI/AAMI ES60601-1 / CAN/CSA-C22.2 No. 60601-1:
☒N/A

Applied part type ..... :	☐B ☐BF ☐CF ☐Defibrillation-Proof ☒No AP
Software Version..... :	N/A

General product information and other remarks:	
Main label / Warning Markings:	

BP48100PF1A-G2,



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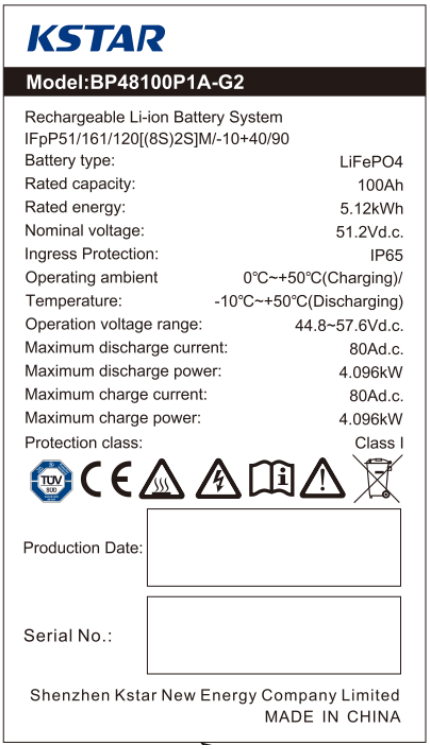

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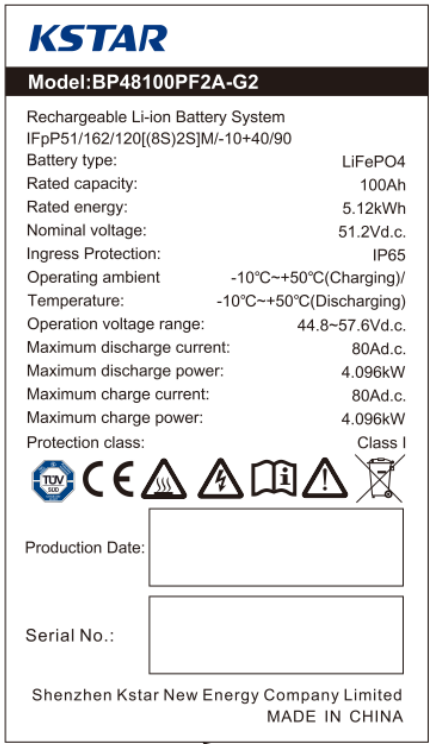

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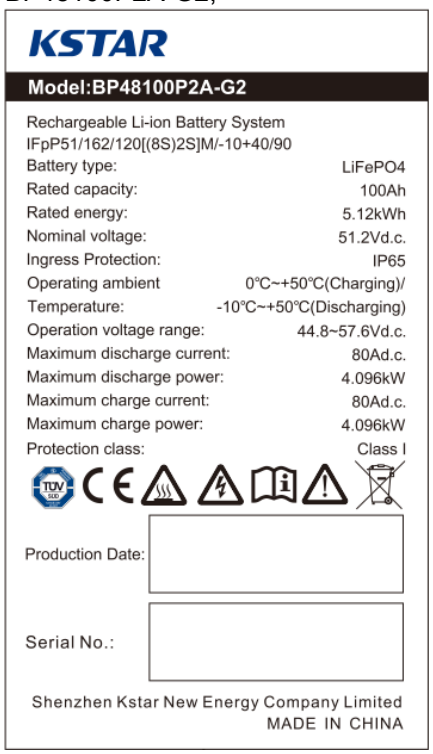

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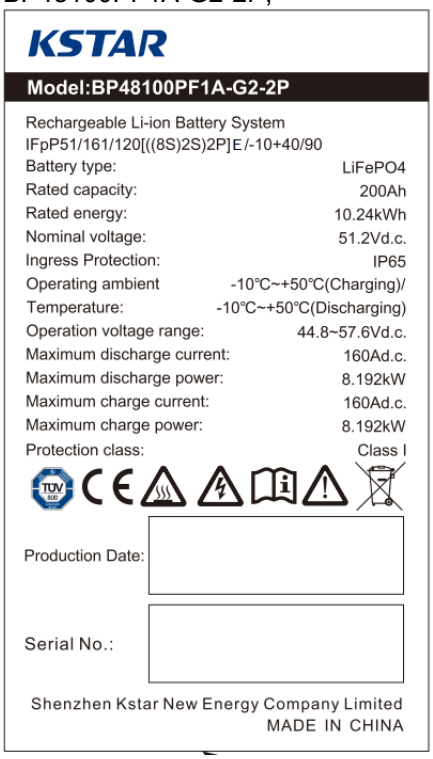

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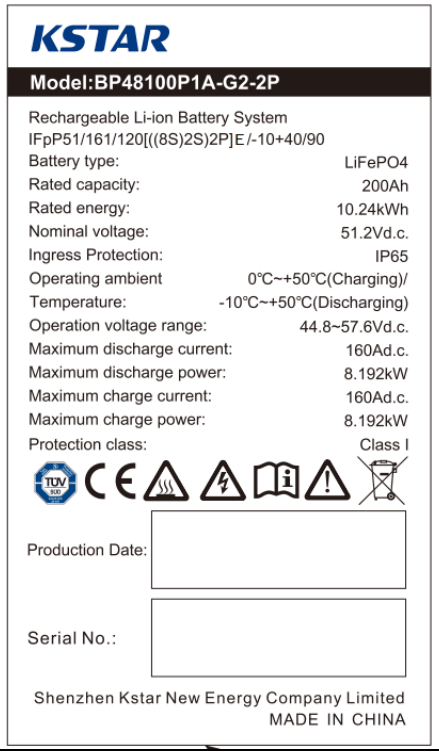

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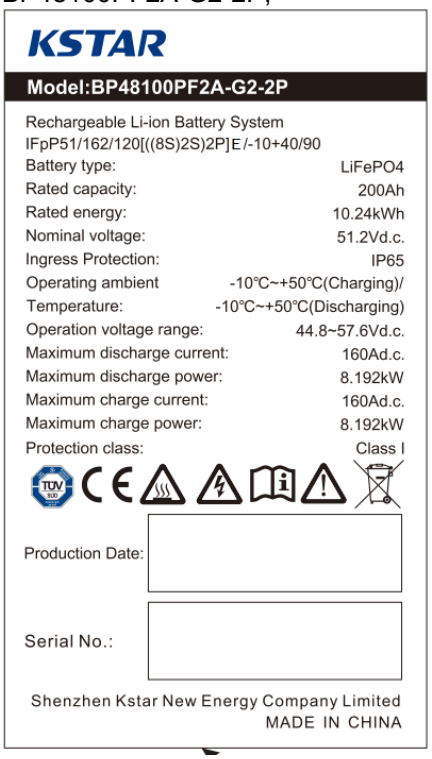

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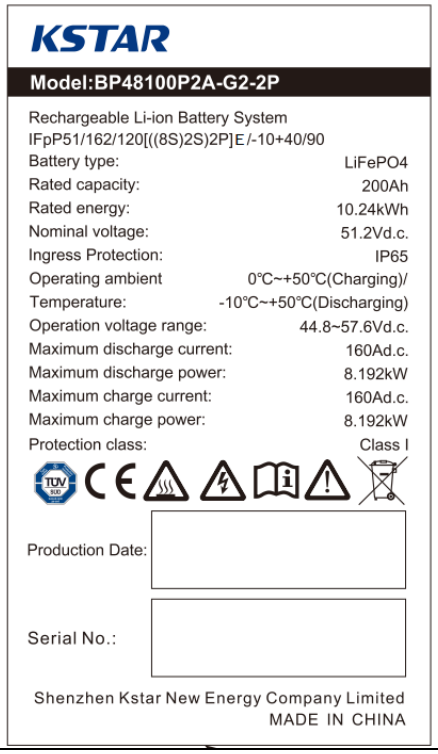

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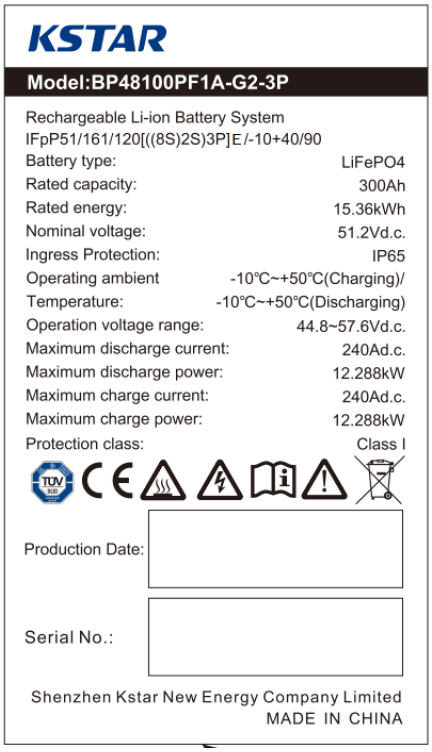

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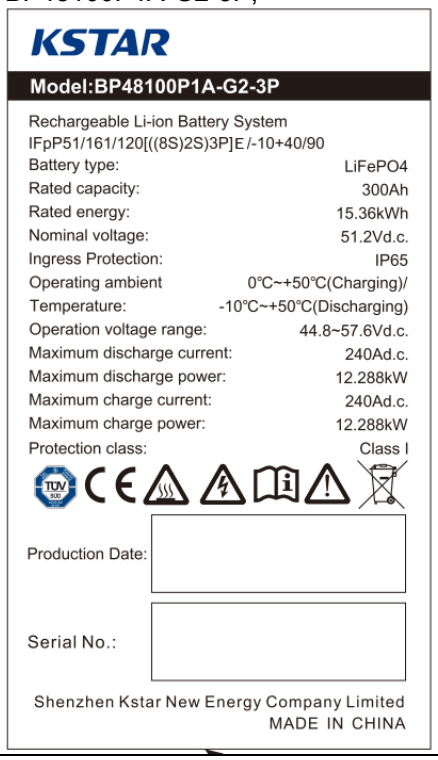

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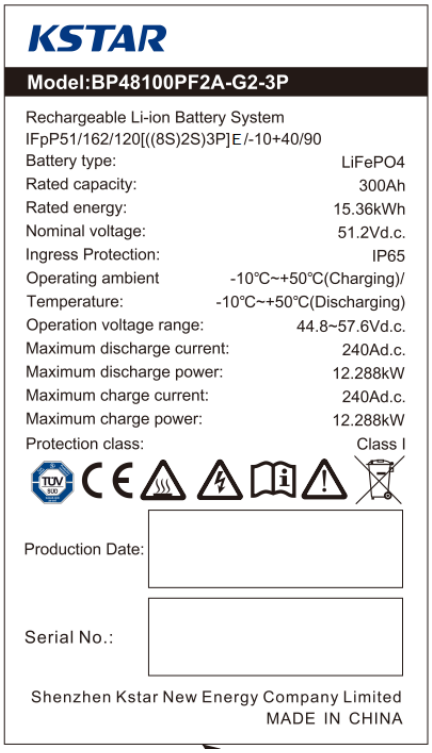

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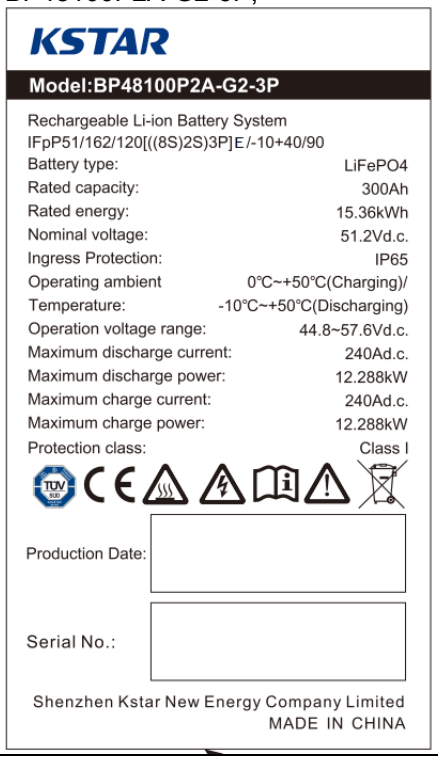

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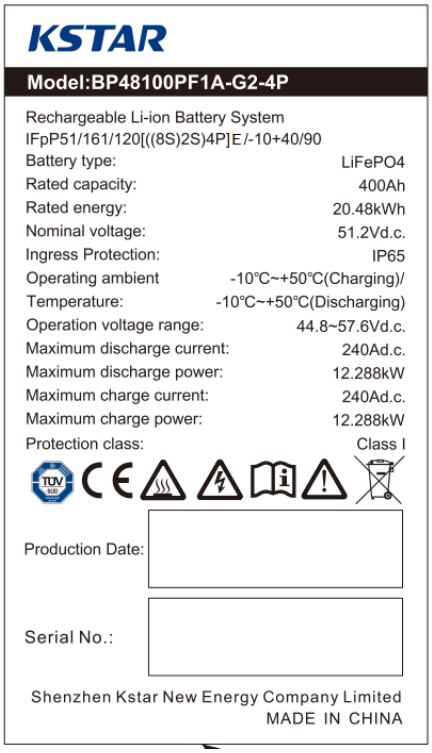

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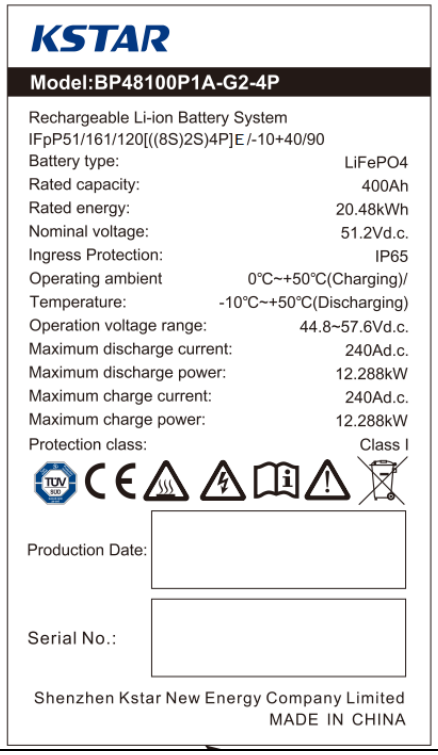

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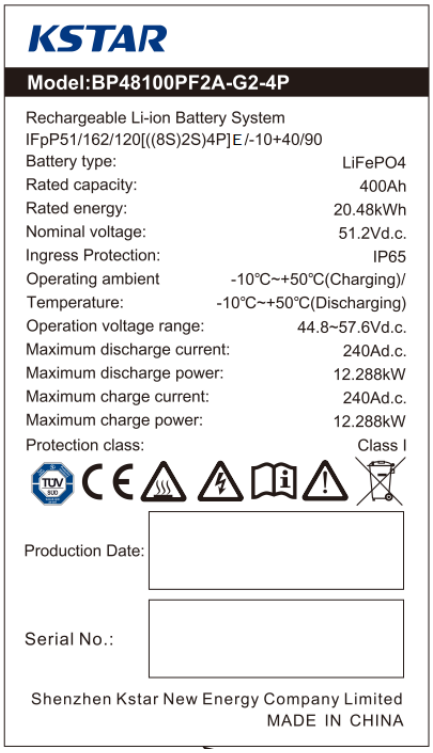

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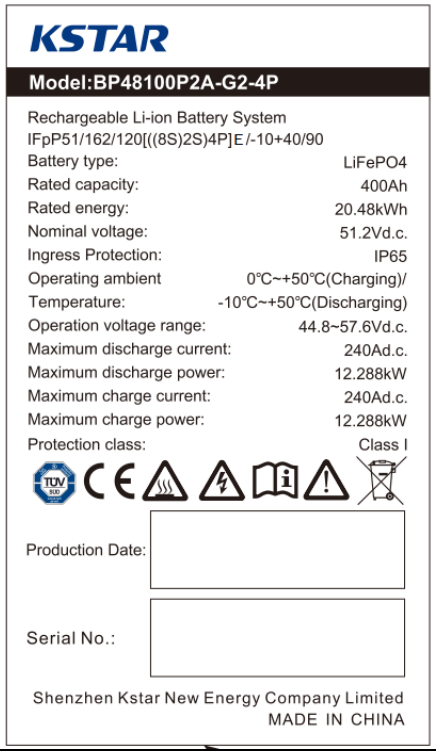

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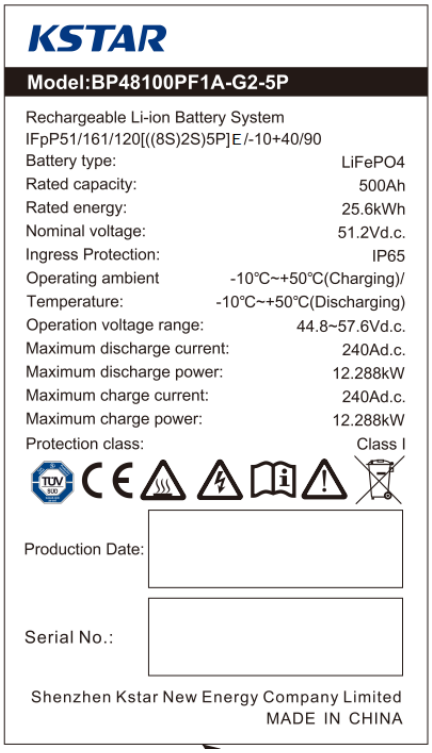

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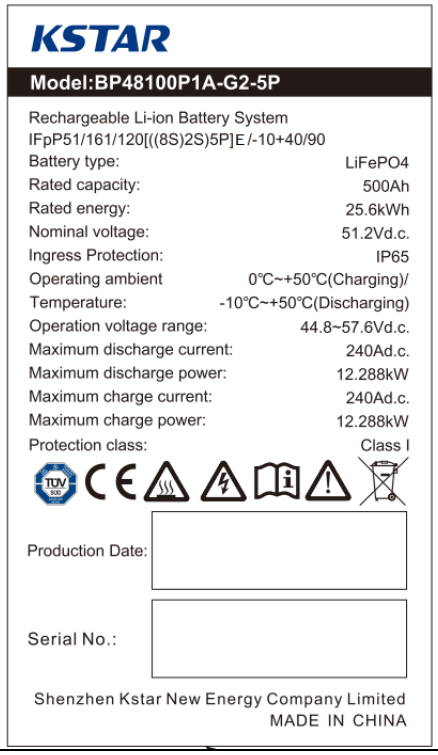

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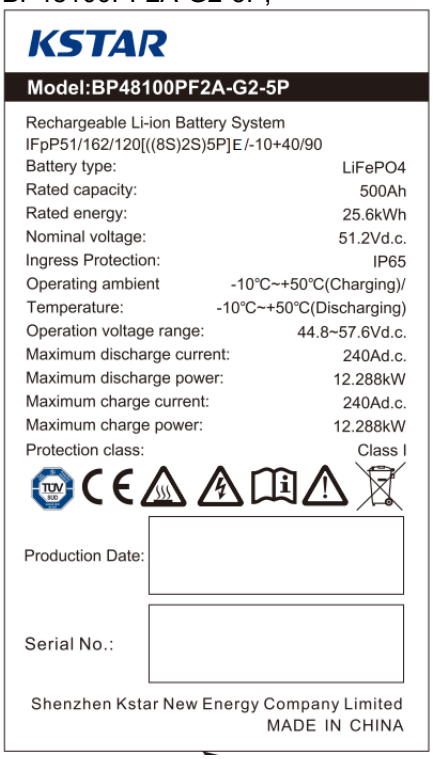

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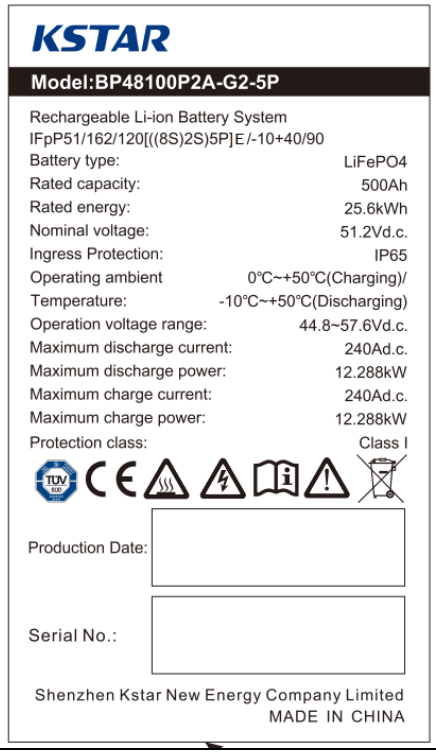

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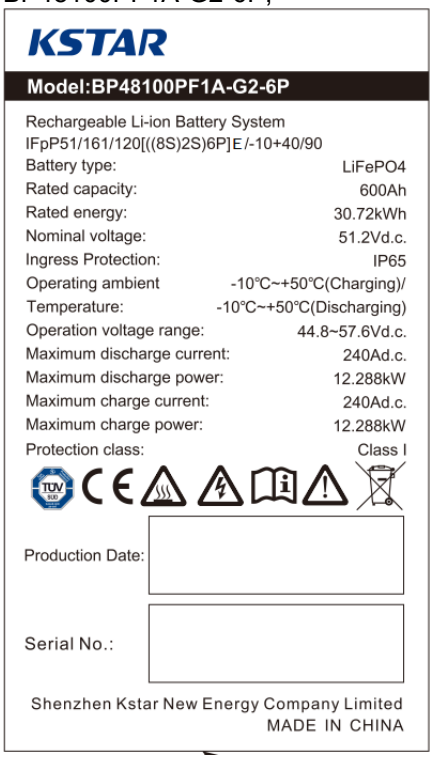

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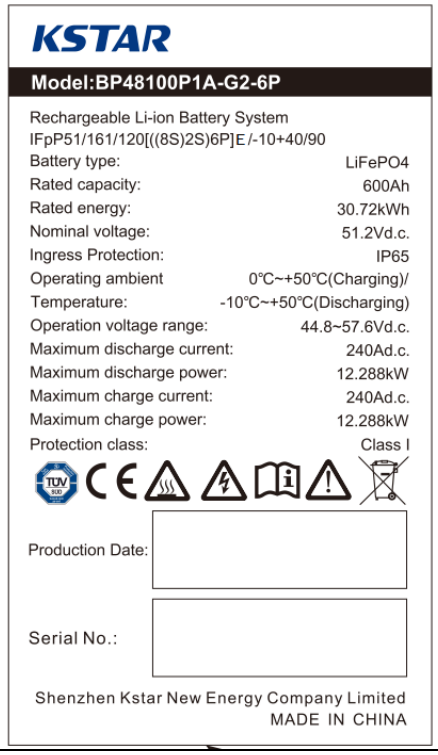

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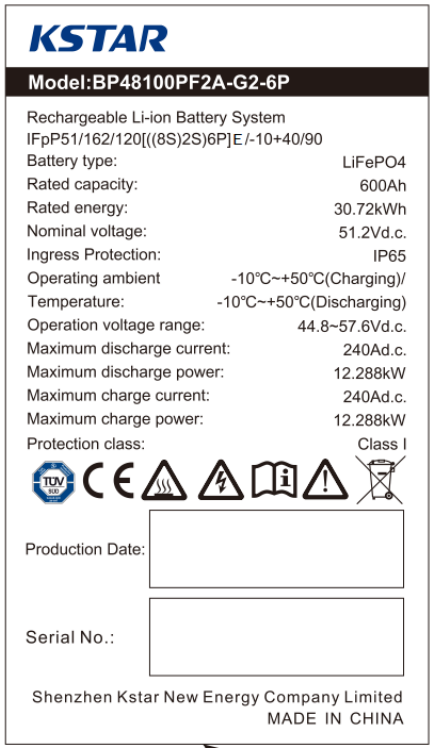

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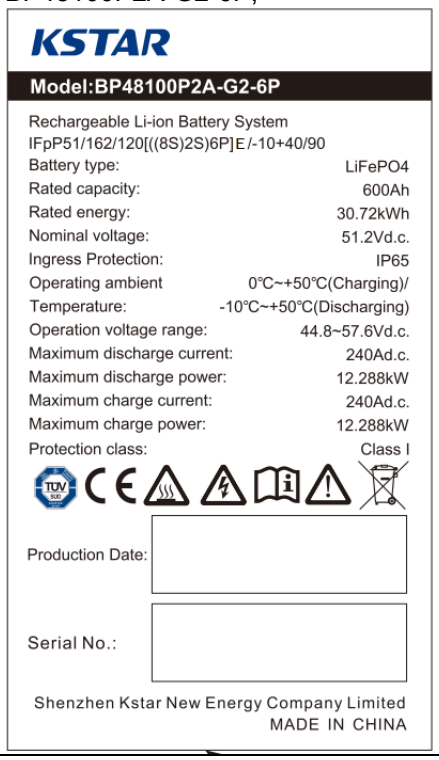

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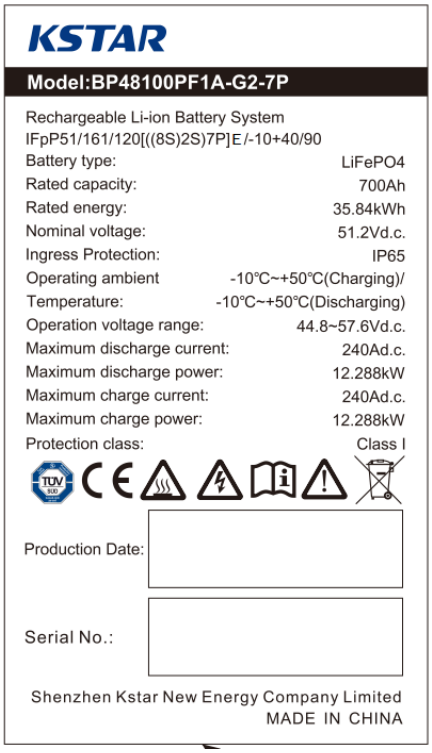

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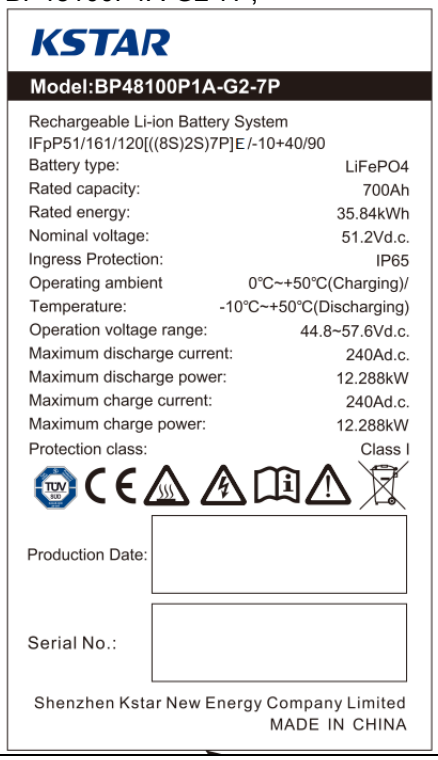

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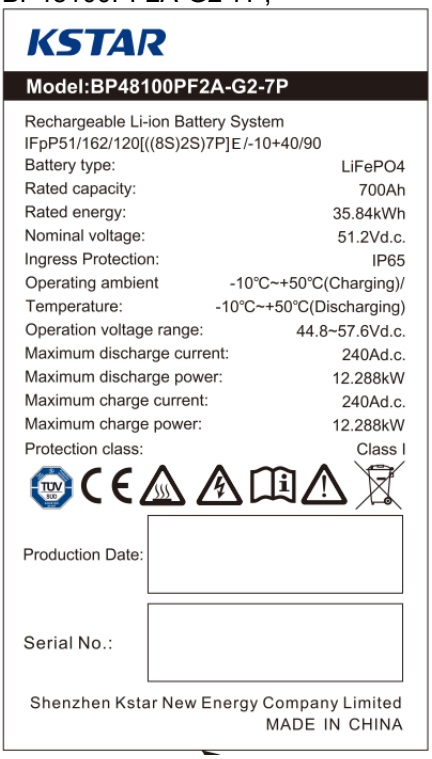

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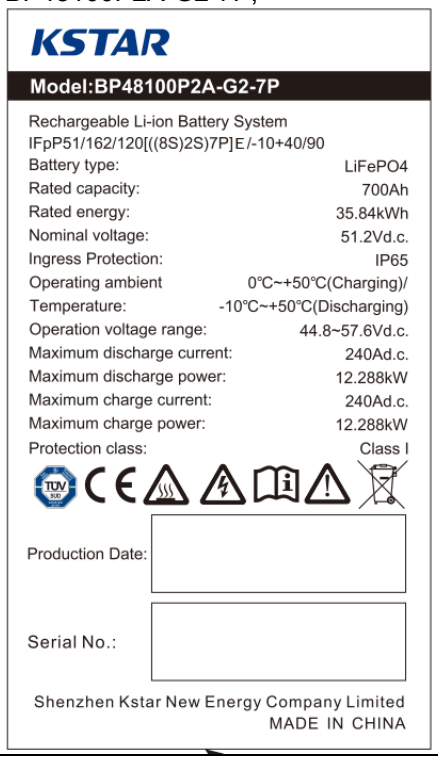

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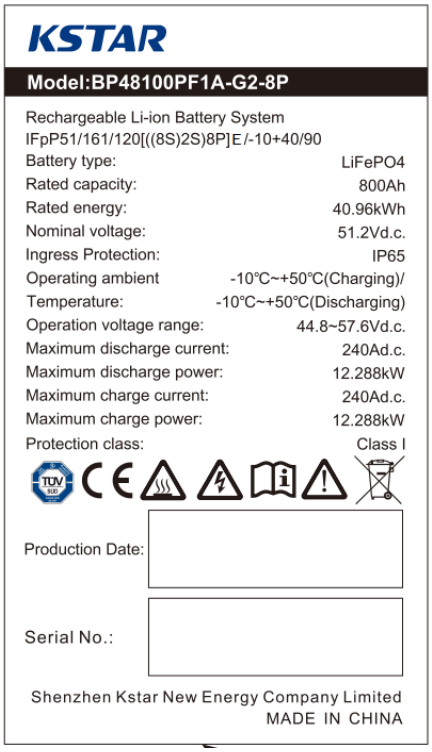

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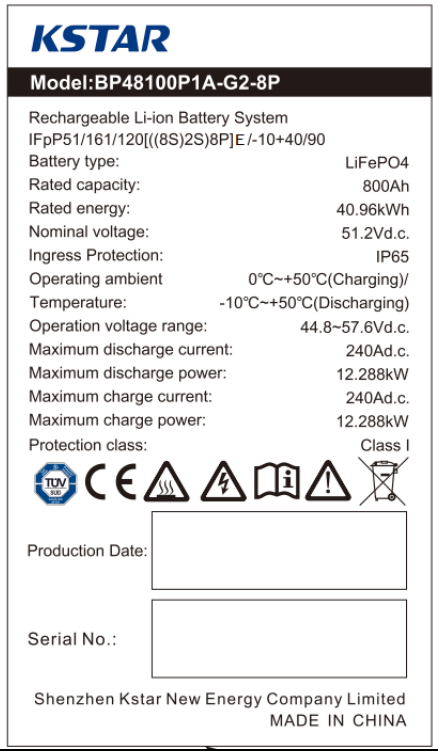

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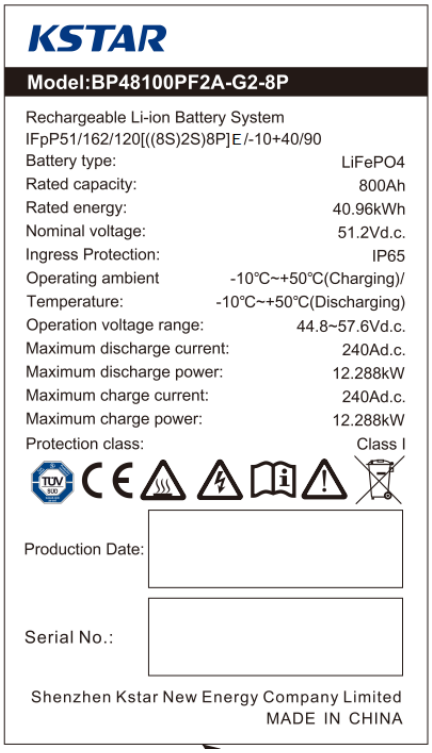

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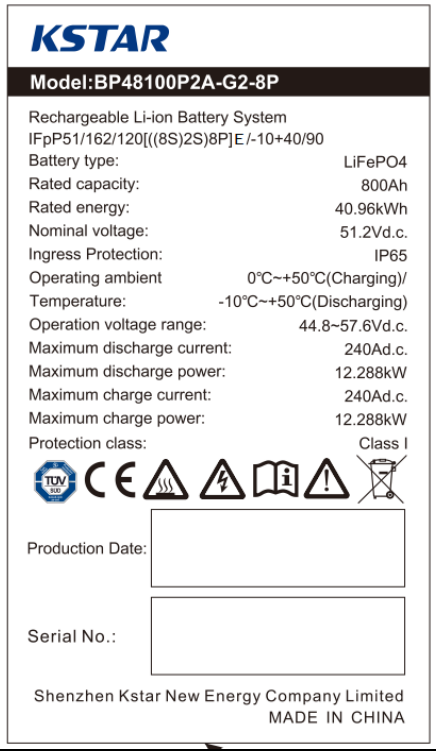

	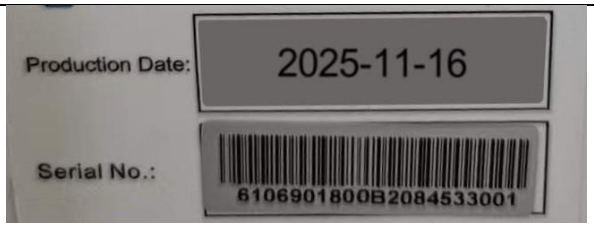 Remark: 1. “2025-11-16" represents the date of manufacture. This is not the manufacture date of the actual sample and only for example. 2. Serial No. "6106901800B2084533001" can be used to trace the manufacturing information of the battery system. This is not the Serial No. of the actual sample and only for example. 3. Polarity was marked near the internal connector of the battery system. The design of the external connector prevents reverse polarity connections. 4. The disposal instructions are included in user manual.
Description of model differences:	Refer to Table for parameters
General information / Intended use:	Refer to Table for parameters
Protective earth connection:	

Drawing(s) / Picture(s):	 Remark: Rechargeable Li-ion Battery System, model no.: BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P are identical in appearance.

Table 1 for parameters:		
Item	Specification	
Product name	Rechargeable Li-ion Cell	Rechargeable Li-ion Battery System
Type/model	LF100LA	BP48100PF1A-G2, BP48100P1A-G2, BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P
Nominal voltage	3.2 Vd.c.	51.2 Vd.c.
Rated capacity	102 Ah	BP48100PF1A-G2, BP48100P1A-G2: 100 Ah BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 200 Ah

		BP48100PF1A-G2-3P, BP48100P1A-G2-3P: 300 Ah BP48100PF1A-G2-4P, BP48100P1A-G2-4P: 400 Ah BP48100PF1A-G2-5P, BP48100P1A-G2-5P: 500 Ah BP48100PF1A-G2-6P, BP48100P1A-G2-6P: 600 Ah BP48100PF1A-G2-7P, BP48100P1A-G2-7P: 700 Ah BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 800 Ah
Charging voltage declared by manufacturer	3.65 V	57.6 V
Upper limit charging voltage	3.9 V	-
Charging current declared by manufacturer	50 A	BP48100PF1A-G2, BP48100P1A-G2: 80 A, BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 160 A, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 240 A
Maximum continuous charging current	100 A	BP48100PF1A-G2, BP48100P1A-G2: 80 A, BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 160 A, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 240 A
Discharging current declared by manufacturer	50 A	BP48100PF1A-G2, BP48100P1A-G2: 80 A,

		BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 160 A, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 240 A
Maximum continuous discharging current	250 A	BP48100PF1A-G2, BP48100P1A-G2: 80 A, BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 160 A, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 240 A
End-of-discharge voltage	2.0 V	44.8 V or any cell reaches 2.80 V
Lower limit discharging voltage	1.9 V	-
Standard temperature range for charging	-20 °C to 65 °C	-
Standard temperature range for discharging	-30 °C to 65 °C	-
Standard charging method by manufacturer	Charge at constant current 50 A until voltage reaches 3.65 V, then charge at 3.65 V till charge current is 0.05I_t A (5.1 A).	BP48100PF1A-G2, BP48100P1A-G2: Charging at the constant current 80 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 5 A or any cell reaches 3.6 V. BP48100PF1A-G2-2P, BP48100P1A-G2-2P: Charging at the constant current 160 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 10 A or any cell reaches 3.6 V. BP48100PF1A-G2-3P, BP48100P1A-G2-3P,

		BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: Charging at the constant current 240 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 15 A or any cell reaches 3.6 V.
Charging method for internal short-circuit test	Charge at constant current 100 A until voltage reaches 3.9 V, then charge at 3.9 V till current is 0.05I_tA (5.1 A).	-
Dimension	T*W*H: (49.9±1.0) mm*(160±1.0) mm*(118.5±1.0) mm	W*D*H: BP48100PF1A-G2, BP48100P1A-G2: 725 mm*245 mm*465.5 mm BP48100PF1A-G2-2P, BP48100P1A-G2-2P: 725 mm*245 mm*835.5 mm BP48100PF1A-G2-3P, BP48100P1A-G2-3P: 725 mm*245 mm*1205.5 mm BP48100PF1A-G2-4P, BP48100P1A-G2-4P: 725 mm*245 mm*1575.5 mm BP48100PF1A-G2-5P, BP48100P1A-G2-5P: 1450 mm*245 mm*1357 mm BP48100PF1A-G2-6P, BP48100P1A-G2-6P: 1450 mm*245 mm*1357 mm BP48100PF1A-G2-7P, BP48100P1A-G2-7P: 1450 mm*245 mm*1727 mm BP48100PF1A-G2-8P, BP48100P1A-G2-8P: 1450 mm*245 mm*1727 mm
Weight	(1.98±0.1) kg	BP48100PF1A-G2, BP48100P1A-G2: Approx. (51±2) kg, BP48100PF1A-G2-2P, BP48100P1A-G2-2P: Approx. (102±4) kg, BP48100PF1A-G2-3P, BP48100P1A-G2-3P: Approx. (153±6) kg, BP48100PF1A-G2-4P, BP48100P1A-G2-4P: Approx. (204±8) kg, BP48100PF1A-G2-5P, BP48100P1A-G2-5P: Approx. (255±10) kg, BP48100PF1A-G2-6P, BP48100P1A-G2-6P: Approx. (306±12) kg, BP48100PF1A-G2-7P, BP48100P1A-G2-7P: Approx. (357±14) kg, BP48100PF1A-G2-8P, BP48100P1A-G2-8P: Approx. (408±16) kg

Configuration	-	BP48100PF1A-G2, BP48100P1A-G2: (8S)2S BP48100PF1A-G2-2P, BP48100P1A-G2-2P: ((8S)2S)2P BP48100PF1A-G2-3P, BP48100P1A-G2-3P: ((8S)2S)3P BP48100PF1A-G2-4P, BP48100P1A-G2-4P: ((8S)2S)4P BP48100PF1A-G2-5P, BP48100P1A-G2-5P: ((8S)2S)5P BP48100PF1A-G2-6P, BP48100P1A-G2-6P: ((8S)2S)6P BP48100PF1A-G2-7P, BP48100P1A-G2-7P: ((8S)2S)7P BP48100PF1A-G2-8P, BP48100P1A-G2-8P: ((8S)2S)8P
Remark: 1. Rechargeable Li-ion Battery Systems, model no.: BP48100PF1A-G2, BP48100P1A-G2, BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P are used in industrial applications. 2. BP48100PF1A-G2-2P, BP48100PF1A-G2-3P, BP48100PF1A-G2-4P, BP48100PF1A-G2-5P, BP48100PF1A-G2-6P, BP48100PF1A-G2-7P, BP48100PF1A-G2-8P respectively consist of 2-8pcs battery systems with model no.: BP48100PF1A-G2 connected in parallel. BP48100P1A-G2-2P, BP48100P1A-G2-3P, BP48100P1A-G2-4P, BP48100P1A-G2-5P, BP48100P1A-G2-6P, BP48100P1A-G2-7P, BP48100P1A-G2-8P respectively consist of 2-8pcs battery systems with model no.: BP48100P1A-G2 connected in parallel. 3. Both model no.: BP48100PF1A-G2 and model no.: BP48100P1A-G2 consist of 16 pcs approved cells model no.: LF100LA connected in series, and they are identical except BP48100PF1A-G2 incorporated heating films. 4. The external communication model for Rechargeable Li-ion Battery Systems is wired CAN bus. Data is stored in local.		

Table 2 for parameters:		
Item	Specification	
Product name	Rechargeable Li-ion Cell	Rechargeable Li-ion Battery System
Type/model	001CB0Y0	BP48100PF2A-G2, BP48100P2A-G2, BP48100PF2A-G2-2P, BP48100P2A-G2-2P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P,

		BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P
Nominal voltage	3.2 Vd.c.	51.2 Vd.c.
Rated capacity	100 Ah	BP48100PF2A-G2, BP48100P2A-G2: 100 Ah BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 200 Ah BP48100PF2A-G2-3P, BP48100P2A-G2-3P: 300 Ah BP48100PF2A-G2-4P, BP48100P2A-G2-4P: 400 Ah BP48100PF2A-G2-5P, BP48100P2A-G2-5P: 500 Ah BP48100PF2A-G2-6P, BP48100P2A-G2-6P: 600 Ah BP48100PF2A-G2-7P, BP48100P2A-G2-7P: 700 Ah BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 800 Ah
Charging voltage declared by manufacturer	3.65 V	57.6 V
Upper limit charging voltage	3.65 V	-
Charging current declared by manufacturer	50 A	BP48100PF2A-G2, BP48100P2A-G2: 80 A, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 160 A, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 240 A
Maximum continuous charging current	100 A	BP48100PF2A-G2, BP48100P2A-G2: 80 A, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 160 A, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P,

		BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 240 A
Discharging current declared by manufacturer	50 A	BP48100PF2A-G2, BP48100P2A-G2: 80 A, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 160 A, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 240 A
Maximum continuous discharging current	100 A	BP48100PF2A-G2, BP48100P2A-G2: 80 A, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 160 A, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 240 A
End-of-discharge voltage	2.5 V	44.8 V or any cell reaches 2.80 V
Standard temperature range for charging	0 °C to 65 °C	-
Standard temperature range for discharging	-30 °C to 65 °C	-
Standard charging method by manufacturer	Charge at constant current 50 A until voltage reaches 3.65 V, then charge at 3.65 V till charge current is 0.05I_t A (5 A).	BP48100PF2A-G2, BP48100P2A-G2: Charging at the constant current 80 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 5 A or any cell reaches 3.6 V. BP48100PF2A-G2-2P, BP48100P2A-G2-2P: Charging at the constant

		current 160 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 10 A or any cell reaches 3.6 V. BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: Charging at the constant current 240 A until voltage to 57.6 V, then constant voltage 57.6 V until charging current reduces to 15 A or any cell reaches 3.6 V.
Charging method for internal short-circuit test	Charge at constant current 100 A until voltage reaches 3.65 V, then charge at 3.65V till charge current is 0.05I_t A (5 A).	-
Dimension	T*W*H: (49.91±0.50) mm* (160.8±0.50) mm* (118.8±0.50) mm	W*D*H: BP48100PF2A-G2, BP48100P2A-G2: 725 mm*245 mm*465.5 mm BP48100PF2A-G2-2P, BP48100P2A-G2-2P: 725 mm*245 mm*835.5 mm BP48100PF2A-G2-3P, BP48100P2A-G2-3P: 725 mm*245 mm*1205.5 mm BP48100PF2A-G2-4P, BP48100P2A-G2-4P: 725 mm*245 mm*1575.5 mm BP48100PF2A-G2-5P, BP48100P2A-G2-5P: 1450 mm*245 mm*1357 mm BP48100PF2A-G2-6P, BP48100P2A-G2-6P: 1450 mm*245 mm*1357 mm BP48100PF2A-G2-7P, BP48100P2A-G2-7P: 1450 mm*245 mm*1727 mm BP48100PF2A-G2-8P, BP48100P2A-G2-8P: 1450 mm*245 mm*1727 mm
Weight	(1960±150) g	BP48100PF2A-G2, BP48100P2A-G2: Approx. (51±2) kg, BP48100PF2A-G2-2P, BP48100P2A-G2-2P: Approx. (102±4) kg, BP48100PF2A-G2-3P, BP48100P2A-G2-3P: Approx. (153±6) kg, BP48100PF2A-G2-4P, BP48100P2A-G2-4P: Approx. (204±8) kg, BP48100PF2A-G2-5P, BP48100P2A-G2-5P: Approx. (255±10) kg,

		BP48100PF2A-G2-6P, BP48100P2A-G2-6P: Approx. (306±12) kg, BP48100PF2A-G2-7P, BP48100P2A-G2-7P: Approx. (357±14) kg, BP48100PF2A-G2-8P, BP48100P2A-G2-8P: Approx. (408±16) kg
Configuration	-	BP48100PF2A-G2, BP48100P2A-G2: (8S)2S BP48100PF2A-G2-2P, BP48100P2A-G2-2P: ((8S)2S)2P BP48100PF2A-G2-3P, BP48100P2A-G2-3P: ((8S)2S)3P BP48100PF2A-G2-4P, BP48100P2A-G2-4P: ((8S)2S)4P BP48100PF2A-G2-5P, BP48100P2A-G2-5P: ((8S)2S)5P BP48100PF2A-G2-6P, BP48100P2A-G2-6P: ((8S)2S)6P BP48100PF2A-G2-7P, BP48100P2A-G2-7P: ((8S)2S)7P BP48100PF2A-G2-8P, BP48100P2A-G2-8P: ((8S)2S)8P
Remark: 1. Rechargeable Li-ion Battery Systems, model no.: BP48100PF2A-G2, BP48100P2A-G2, BP48100PF2A-G2-2P, BP48100P2A-G2-2P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P are used in industrial applications. 2. BP48100PF2A-G2-2P, BP48100PF2A-G2-3P, BP48100PF2A-G2-4P, BP48100PF2A-G2-5P, BP48100PF2A-G2-6P, BP48100PF2A-G2-7P, BP48100PF2A-G2-8P respectively consist of 2-8pcs battery systems with model no.: BP48100PF2A-G2 connected in parallel. BP48100P2A-G2-2P, BP48100P2A-G2-3P, BP48100P2A-G2-4P, BP48100P2A-G2-5P, BP48100P2A-G2-6P, BP48100P2A-G2-7P, BP48100P2A-G2-8P respectively consist of 2-8pcs battery systems with model no.: BP48100P2A-G2 connected in parallel. 3. Both model no.: BP48100PF2A-G2 and model no.: BP48100P2A-G2 consist of 16 pcs approved cells model no.: 001CB0Y0 connected in series, and they are identical except BP48100PF2A-G2 incorporated heating films. 4. The external communication model for Rechargeable Li-ion Battery Systems is wired CAN bus. Data is stored in local.		

Critical components and material information:

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
For Rechargeable Li-ion Battery System, model no.: BP48100PF1A-G2, BP48100P1A-G2, BP48100PF2A-G2, BP48100P2A-G2					
1.1 Rechargeable Li-ion Cell (for BP48100PF1A-G2, BP48100P1A-G2) (16 pcs)	EVE Power Co., Ltd.	LF100LA	3.2 Vd.c., 102 Ah	IEC 62619: 2022	CB Cert. No.: SG PSB-BT-03455M1 Report No.: 085-282260325-100
1.2 Rechargeable Li-ion Cell (for BP48100PF2A-G2, BP48100P2A-G2) (16 pcs)	Contemporary Amperex Technology Co., Limited	001CB0Y0	3.2 Vd.c., 100 Ah	IEC 62619: 2022	CB Cert. No.: SG PSB-BT-04501 Report No.: 085-282460048-000
2. BMS	Shenzhen Kstar New Energy Company Limited	P16S100A-KSD1757-10A Hardware version: For BMS main board: SST21-755-REV1.31, For current-limited board: SST21-511-REV1.21 Software model: 3305-4760, Software version: V000B000D000	Overcharge detection voltage for each cell: 3.6 V, Overdischarge detection voltage for each cell: 2.50 V, Charge overcurrent detection current: 97 A, Discharge overcurrent detection current: 97 A, High temperature charging protection: 57 °C, Low temperature charging protection: 0 °C, High temperature discharge protection: 57 °C, Low temperature discharge protection: -20 °C	-	-
3. For BMS main board: Blue-pack5.1-U01 board					
-PCB material	HUIZHOU TRUSTWIN ELECTRONICS DEVELOPMENT CO LTD	TW-8(ASP1)	130 °C, V-0, CTI: 175 V	UL 94 UL 796	UL E340729

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
- Alternative	NIPPON (BOLUO) ELECTRONICS CO LTD	D2	130 °C, V-0, CTI> 175 V	UL 94 UL 796	UL E56377
-IC for MCU (UM1)	ST	STM32F072V BT6	Supply voltage: 1.65 V to 3.6 V, -40 °C to 85 °C	-	-
-Watch dog (U20)	EXAR	SP706SEN-L/TR	Supply voltage: 1.0 V to 5.5 V, Reset threshold: 2.93 V, -40 °C to +85 °C	-	-
-IC for AFE (U7)	Nuvoton	KA49503A	Supply voltage: 5 V to 85 V, -40 °C to 105 °C	-	-
-MOSFET for charge (QP2, QP4, QP6, QP8, QP10, QP12, QP14, QP16, QP18, QP20, QP22, QP24)	China Resources Microelectronics Limited	CRSS037N10N	V_{DS}: 100 V, V_{GS}: ±20 V, I_D: 120 A (TA= 25 °C), T_J: -55 °C to 150 °C	-	-
-MOSFET for discharge (QP1, QP3, QP5, QP7, QP9, QP11, QP13, QP15, QP17, QP19, QP21, QP23)	China Resources Microelectronics Limited	CRSS043N14N	V_{DS}: 135 V, V_{GS}: ± 20V, I_D: 160 A (T_A= 25 °C), T_J: -55 °C to 150 °C	-	-
-Insulation Silicone	Shenzhen Anpin Silicone Material Co., LTD	Tc-Pad AP600	0.3mm, V-0, 130°C	UL 94	UL E257078
-Relay (SR1, SR2)	ANHUI MINGGUANG LIFE ELECTRIC CO LTD	BSC-SS-112L	125 VDC, Coil: 12 V, 2 A	UL 508	UL E333244
-Supply source (UP5)	ATAZ Guangzhou Science & Technology Co., Ltd.	DS1-B1205	12 VDC, 125 mA, T_{opr}: -40 °C to 105 °C	UL 62368-1	UL E541676
-Driver transformer (T3)	TIANCHANG FUAN ELECTRONIC CO LTD	EE8.3-9MH	9.0 mH±20%, 500 VAC, Class E	-	-

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
--Bobbin	CHANG CHUN PLASTICS CO LTD	T375J(G5)(G6)	150 °C, V-0	UL 94 UL 746	UL E59481
--Wire for T3 Copper wire	TAI-I ELECTRIC WIRE & CABLE CO LTD	UEWF	155 °C	UL 1446	UL E85640
--Tape for T3 Duct tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO., LTD	CT	130 °C	UL 510A	UL E165111
-Current sampling resistor (RS3-RS8, RS14-RS17)	TA-I TECHNOLOGY CO., LTD	RLP25FER002	2 mΩ±1%, 100 ppm/°C, 3 W, 2512, -55 °C to 170 °C	-	-
-NTC for ambient (RT2)	Joyin Co Ltd	JSNB103F344FB	R_{25} = 10 kΩ±1%, $B_{25/85}$= 3435 K±1%, T_{opr}: -40 °C to 125 °C	UL 1434	UL E171531
-NTC for MOSFET (RT1)	Nanjing Shiheng Electronics Co.,Ltd.	MF52C103Y3435	R_{25}: 10kΩ±1%, $B_{25/85}$: 3435K±1%, T_{opr}: -55°C to 200°CR25	UL 1434	UL E240991
- Alternative	SHENZHEN SUNLORD ELECTRONICS CO LTD	SDNT1608X103@3380%TF	R_{25}: 10kΩ±1%, $B_{25/85}$: 3435K±1%, T_{opr}: -40°C to 125°C	UL 1434	UL E352242
-PTC (R308/R468)	CYG Wayon Electronics Co., Ltd	LP-NSM005HF	$V_{max.}$: 60 V, I_h: 50 mA, I_t: 150 mA, $I_{max.}$: 100 A, -40 °C to 85 °C	EN 62319-1:2005 EN 62319-1-1:2005	TUV R50318402
- Alternative	SPSEMI ELECTRONICS CO LTD	NSM005	$V_{max.}$: 60 V, I_h: 50 mA, I_t: 150 mA, $I_{max.}$: 100 A, -40 °C ~ 85 °C	UL 1434	UL E536814
-Fuse (FU1)	XC ELECTRONICS (SHENZHEN) CORP LTD	24T	7 A, 250 V, -40 °C to 125 °C	UL 248-1	UL E249609
- Alternative	SHENZHEN LANSON ELECTRONICS CO., LTD	24E	7 A, 250 V, T_{opr}: -40 °C to 125 °C	UL 1434	UL E221465
4. For current-limited board: Blue-pack5.1-M01 board					

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
-PCB material	HUIZHOU TRUSTWIN ELECTRONICS DEVELOPMENT CO LTD	TW-8(ASP1)	130 °C, V-0, CTI: 175 V	UL 94 UL 796	UL E340729
- Alternative	NIPPON(BOLUO) ELECTRONICS CO LTD	D2	130 °C, V-0, CTI> 175 V	UL 94 UL 796	UL E56327
-MOSFET for current limiting BUCK (QC1, QC2,)	China Resources Microelectronics Limited	CRSS057N10N	V_{DS}: 100 V, V_{GS}: ±20 V, I_D: 120 A, T_J: -55 °C to 150 °C	-	-
-MOSFET for anti-back charging (Q70, Q77)	International Rectifier Corporation	IRF5210SPBF	V_{DS}: -100 V, V_{GS}: ±20 V, I_D: -38 A, T_J: -55 °C to 150 °C	-	-
-Film capacitor (CBB6, CBB7)	DONGGUAN HONGFARAD ELECTRONICS CO., LTD	HMPP475J250MFAH-Y	4.7 µF, 250 V, 105 °C	-	-
- Alternative	DONGGUAN CHENG XI ELECTRONICS CO., LTD	CBB21	4.7 µF, 250 V, 105 °C	-	-
-Diode (D68)	YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD	MBRB20100CT	20 A, 100 V, 175 °C	-	-
- Alternative	PFC Device Corporation	PTR20100CTBH	20 A, 100 V, 150 °C	-	-
-Inductor (L4)	TIANCHANG FUAN ELECTRONIC CO LTD	FAMD106-200M-L1	20.4 µH, 130 °C	UL 1446	UL E357090
- Alternative	SHENZHEN JINHAODE TECHNOLOGY CO.,LTD	GCNR6020-101MC	T106060-20.4 µH, 155 °C	-	-
--Core (L4)	ZHEJIANG NBTM KEDA MAGNETOELECTRICITY CL., LTD	KS106-060A	130 °C, 600 VDC	-	-

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
- Alternative	DONGGUAN YINGCHONG ELECTRICAL INDUSTRIAL CO LTD	WS106060A	130 °C, 600 Vd.c.	-	-
--Wiring (L4)	TAI-I ELECTRIC WIRE & CABLE CO LTD	UEWB	130 °C, 600 Vd.c.	UL 1446	UL E85640
- Alternative	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO LTD	2UEW/155	155 °C, 600 Vd.c.	UL 1446	UL E239508
5. For signal transform board: 3U-Pack 5.1-X01 board (Rev. 002)					
-PCB material	HUIZHOU TRUSTWIN ELECTRONICS DEVELOPMENT CO LTD	TW-8(ASP1)	130 °C, V-0, CTI: 175 V	UL 94 UL 796	UL E340729
- Alternative	NIPPON(BOLUO) ELECTRONICS CO LTD	D2	130°C, V-0, CTI> 175 V	UL 94 UL 796	UL E56377
6. NTC for cell (T1-T4) (4pcs)	Shenzhen Kemin Sensor Co., Ltd	KM10K3380 3435	R_{25}: 10 kΩ±1%, $B_{25/50}$: 3435 K±1%, T_{opr}: -40 °C to 125 °C	UL 1434	UL E356449
7. Circuit breaker	Shanghai Liangxin Electrical Co., Ltd.	NDB1-125	80 Vd.c., 125 A, I_{cu}= 10 kA, 70 °C, U_{imp}= 4 kV	EN 60947-2:2017+A1	TUV R50522424
- Shunt trip unit	Shanghai Liangxin Electrical Co., Ltd.	MX+OF	48 Vd.c., 1NO+1NC	-	-
- Alternative	NOARK Electrics (Shanghai) Co., Ltd	B1E	80 Vd.c., 125 A, I_{cu}= 20 kA, U_{imp}= 4 kV	EN IEC 60947-2:2025	ITS 2506B0989S HA-V1
- Shunt trip unit	NOARK Electrics (Shanghai) Co., Ltd	SHT3111LB	48 VAC/DC , 1NO+1NC	-	-
- Alternative	Zhejiang Chint Electrics Co., Ltd.	NXB-125E	80 Vd.c., 125 A, I_{cu}= 20 kA, U_{imp}= 4 kV	EN 60947-2:2017+A1	TUV R 50620684
- Shunt trip unit	Zhejiang Chint Electrics Co., Ltd.	SHT-X3	48 VAC/DC, Ie= 3 A	-	-

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
8. Connector	Suzhou Anlian Electronics Co., Ltd	AP15400A-FEMALE AP15400A-MALE	DC 1000 V, 150 A T_{opr}: -40 °C to 125 °C	UL 4128 EN 61984 2PfG 2740/04.20	UL E537967 TUV R50609154 R50609157
9. Battery Lead wiring (internal)	3Q WIRE & CABLE CO LTD	10269	6 AWG, 1000 V, 105 °C	UL 758	UL E341104
Alternative	Guangdong Biadi Electronics Co Ltd	10269	6 AWG, 1000 V, 105 °C	UL 758	UL E351618
10. Earth lead wiring	Shenzhen Hongya Electronics CO.,LTD	1015	10 AWG, 600 Vac, 105 °C	UL 758	UL E346933
Alternative	Dongguan Hichain Electronics CO.,LTD	1015	10 AWG, 600 Vac, 105 °C	UL 758	UL E304337
11. Thermal shrink tube for battery wiring	DONGGUAN SALIPT CO LTD	S-901-DWT	600 V, 125 °C, VW-1	UL 224	UL E209436
12. Lead wiring for BMS	3Q WIRE & CABLE CO.,LTD	10269	6 AWG, 1000 Vac, 105 °C	UL758 UL1581 CSA22.2	UL E341104
Alternative	Dongguan Biadi Electronics CO.,LTD	10269	6 AWG, 1000 Vac, 105 °C	UL 758	UL E351618
13. Wiring for voltage sampling	LINOYA ELECTRONIC TECHNOLOGY CO LTD	1430	24 AWG, 105 °C, 300 V	UL 758	UL E315619
- Alternative	WUXI SWELL ELECTRIC CO LTD	1430	24AWG, 105°C,300V	UL 758	UL E484530
- Alternative	DONGGUAN ZHONGZHENG WIRE&CABLE TECH CO LTD	1430	24 AWG, 105 °C, 300 V	UL 758	UL E336285
- Alternative	ZHEJIANG CHENGBAO WIRE & CABLE CO LTD	10588 22AWG	22 AWG, 300 V, 125°C	UL 758	UL E315651
14. Wiring for temperature sampling	DONGGUAN BOLI ELECTRONIC CO LTD	2651	24 AWG, 300 V, 105 °C	UL 758	UL E305164

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
Alternative	DONGGUAN ZHIHE ELECTRICAL CABLE TECH CO LTD	2651	24AWG, 300V, 105°C	UL 758	UL E258239
Alternative	DONGGUAN NISTAR TRANSMITTING TECHNOLOGY CO INC	2651	24AWG, 300V, 105°C	UL 758	UL E214184
15. Case	Shenzhen Kstar New Energy Company Limited	-	Galvanized plate, Min. Thickness: Top: 2.0 mm, Front, Bottom, Side: 1.2 mm	-	-
16. Aerosol Fire Extinguisher (optional)	Hubei Jiandun Fire protection Technology Co. Ltd	QRR0.04G/S-MC- U	40 g, -30 °C to 70 °C, 134.1 mm*12 mm*20.7 mm	-	-
Alternative	Shenzhen HONGJIALI FIRE Technology Co. LTD	QRR0.06G/S/H600	60 g, -50 °C to 95 °C, 131.6 mm *94 mm *14 mm	-	-
17. Button	Yijia Industrial Electric Co.Ltd	YJ-GQ16BF-11SE	Ui: 250 V I_{th}: 5 A, -30 °C to 70 °C	EN 60947	TUV B121522000 6 Rev.00
18. Thermal heater (only for BP48100PF1A-G2 and BP48100PF2A-G2)	Kuchi (Shenzhen) New Energy Technology Co., Ltd.	75W	50 V, 75 W, 33.3 Ω, -40 °C to 125 °C	-	-
Alternative	GUANGDONG JONYOHTO ELECTROTHERMAL TECHNOLOGY CO.,LTD	75W	50 V, 75 W, 33.3 Ω, -40 °C to 125 °C	-	-
19. Insulation Bar	ZHEJIANG YUEQING RESIN FACTORY	DMC-1	V-0, 105 °C	UL 94 UL 746	UL E252110
20. Insulation tube for Aluminium bus	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-HFT	600 V, 125 °C, VW-1	UL 224	UL E180908

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
21. Insulating paper	CHENGDU KANGLONGXIN PLASTICS CO LTD	FRPC-1880B	T=0.43 mm, V-0, 125 °C	UL 94 UL 746	UL E315185
22. Harness isolation board	Shenzhen Pengjinhong Industrial Co., Ltd	ABS+PC30	UL 94, V-0	UL 94	UL E162823
23. Electrical window cover	CHI MEI CORPORATION	PC_6600(Y) (f1)(a)	Min. Thickness: 1.5 mm, V-0, (f1), 120 °C	UL 94 UL 746C	UL E56070
- Alternative	CHI MEI CORPORATION	PC-6715VT(f1)(a)	Min. Thickness: 3 mm, 5VA, (f1), 120 °C	UL 94 UL 746C	UL E56070
- Alternative	ZHEN JIANG CHI MEI CHEMICAL CO LTD	PC-681U(f1)(a)	Min. Thickness: 3mm, 5VA, (f1), 120 °C	UL 94 UL 746C	UL E194560
24. Top cover	Shenzhen Kstar New Energy Company Limited	-	Size: 725 mm*50 mm* 245 mm, Materials: AL5052-H32, Thickness: 1.5 mm	-	-
For Rechargeable Li-ion Battery System model no.: BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF2A-G2-2P, BP48100P2A-G2-2P, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P, BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P					
1. Battery Parallel line	Guangzhou PanYu CABLE Group CO..LTD	10269	1/0 AWG, 1000 V, 105 °C	UL 758	UL E216775
- Altemnative	Guangdong Biadi Electronics CO LTD	10269	1/0 AWG, 1000 V, 105 °C	UL 758	UL E351618
2. Corrugated pipe	BASF SE	B40	V-0	UL 94	UL E41871
3. Label system	Shenzhen lianxingda Printing Co., Ltd	3M7815(UV161S)/MZ0043B	Outdoor label	-	-
- Alternative	Shenzhen lianxingda Printing Co., Ltd	MZ03333 PET	Outdoor label	-	-
-3.1 Overlamination component	Avery Dennison	MZ0043B	Matte clear PET	UL 969	UL MH20581
-- Alternative	Avery Dennison	MZ0333	Matte clear PET	UL 969	UL MH20558

Object/part No.	Manufacturer/ trademark	Type/Model	Technical Data	Standard No. and Edition year	Marks of Conformity
-3.2 Printing process and Ink	Hangzhou Toka Ink chemical Co., Ltd	UV161S	Black, yellow, blue, red color	-	-
-- Alternative	Hangzhou Toka Ink chemical Co., Ltd	UV 161-NT	Black, yellow, blue, red color	-	-
-3.3 Face stock and adhesive	3M	7815	face stock:2.3mil Adhesive:0.8mil	ASTM D 3330	UL MH16411
4. Top cover	Shenzhen Kstar New Energy Company Limited	-	Size: 725 mm*50 mm* 245 mm, Materials: AL5052-H32, Thickness: 1.5 mm	-	-
For Rechargeable Li-ion Battery System model no.: BP48100PF1A-G2, BP48100P1A-G2, BP48100PF2A-G2, BP48100P2A-G2, BP48100PF1A-G2-2P, BP48100P1A-G2-2P, BP48100PF2A-G2-2P, BP48100P2A-G2-2P, BP48100PF1A-G2-3P, BP48100P1A-G2-3P, BP48100PF2A-G2-3P, BP48100P2A-G2-3P, BP48100PF1A-G2-4P, BP48100P1A-G2-4P, BP48100PF2A-G2-4P, BP48100P2A-G2-4P,					
Floor stand	Shenzhen Kstar New Energy Company Limited	-	Size: 725 mm*45.5 mm* 245 mm Materials: SUS201 (only for handler), SGCC Thickness: 1.5 mm, Outer side thickness: 2 mm	-	-
For Rechargeable Li-ion Battery System model no.: BP48100PF1A-G2-5P, BP48100P1A-G2-5P, BP48100PF2A-G2-5P, BP48100P2A-G2-5P, BP48100PF1A-G2-6P, BP48100P1A-G2-6P, BP48100PF2A-G2-6P, BP48100P2A-G2-6P, BP48100PF1A-G2-7P, BP48100P1A-G2-7P, BP48100PF2A-G2-7P, BP48100P2A-G2-7P, BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P					
1. Floor stand	Shenzhen Kstar New Energy Company Limited	-	Size: 725 mm*197 mm* 245 mm Materials: SUS201 (only for handler), SGCC Thickness: 1.5 mm	-	-
2. Connector for Battery Parallel	Shenzhen GU Precision Industy Co.. Ltd	RF080MM06ORBB-07 RF080MM06BKAA-07 PA080C070ORB PA080C070BKA	1500 V, 250 A, 125 °C	UL 4128	UL E527779-20230111

Form

Data form for critical components and material information

NRTL - Unrecognized Safety relevant (critical) components subject to verification testing: ☒N/A

Object / part No.	Verification tests to be conducted	Laboratory of testing / sampling
-	-	-
-	-	-
-	-	-

Routine Test (Safety, Security, …):
☐ N/A, ☒ No requirement in standard, ☐ Non certification mark project

Model/Type reference:	Tests performed (name of test and test clause):	Test Details:	Test Points:	Test Values:
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Signature of the Certification Holder:

Name, seal and signature of Certificate Holder:	Shenzhen Kstar New Energy Co., Limited The 9th Floor, R&D Building, Kstar Industrial Park, Guangming Hi-tech Industrial Zone, 518107 Shenzhen, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Date:	2025-12-26