

Attachment No.1: Photo Documentation

Details of: Fig.1. Overview 1 of Rechargeable Li-ion Battery System, model: BP48100PF2A-G2-8P



Remark:

1. Rechargeable Li-ion Battery System, model no.: BP48100PF1A-G2-8P, BP48100P1A-G2-8P, BP48100PF2A-G2-8P, BP48100P2A-G2-8P are identical in appearance.

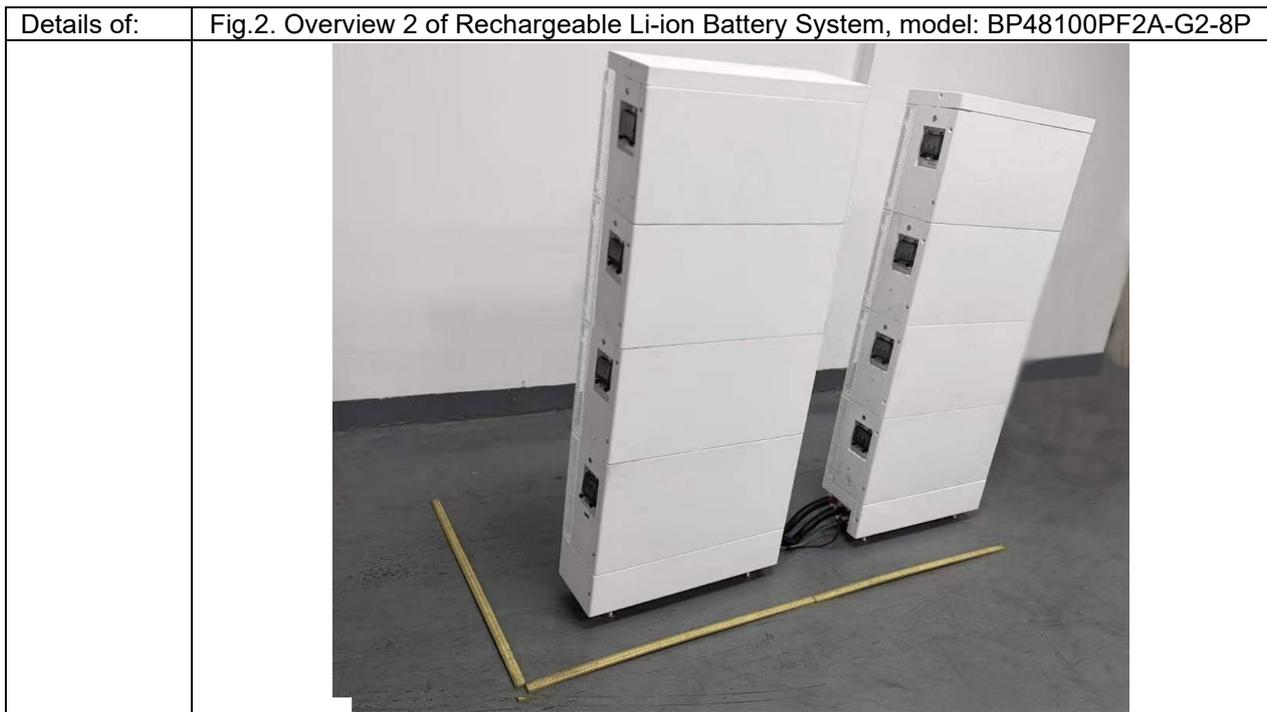
2. BP48100PF1A-G2-2P, BP48100PF1A-G2-3P, BP48100PF1A-G2-4P, BP48100PF1A-G2-5P, BP48100PF1A-G2-6P, BP48100PF1A-G2-7P respectively consist of 2-7pcs battery systems with model no.: BP48100PF1A-G2 connected in parallel.

BP48100P1A-G2-2P, BP48100P1A-G2-3P, BP48100P1A-G2-4P, BP48100P1A-G2-5P, BP48100P1A-G2-6P, BP48100P1A-G2-7P respectively consist of 2-7pcs battery systems with model no.: BP48100P1A-G2 connected in parallel.

3. BP48100PF2A-G2-2P, BP48100PF2A-G2-3P, BP48100PF2A-G2-4P, BP48100PF2A-G2-5P, BP48100PF2A-G2-6P, BP48100PF2A-G2-7P respectively consist of 2-7pcs 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 respectively consist of 2-7pcs battery systems with model no.: BP48100P2A-G2 connected in parallel.

**Attachment No.1:
Photo Documentation**



Details of:	Fig.3. Marking plate of Rechargeable Li-ion Battery System																																																	
	BP48100PF1A-G2:	BP48100P1A-G2:																																																
	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">KSTAR</p> <p style="text-align: center;">Model:BP48100PF1A-G2</p> <p>Rechargeable Li-ion Battery System IFpP51/161/120[(8S)2S]M/-10+40/90</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Battery type:</td><td style="text-align: right;">LiFePO4</td></tr> <tr><td>Rated capacity:</td><td style="text-align: right;">100Ah</td></tr> <tr><td>Rated energy:</td><td style="text-align: right;">5.12kWh</td></tr> <tr><td>Nominal voltage:</td><td style="text-align: right;">51.2Vd.c.</td></tr> <tr><td>Ingress Protection:</td><td style="text-align: right;">IP65</td></tr> <tr><td>Operating ambient Temperature:</td><td style="text-align: right;">-10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)</td></tr> <tr><td>Operation voltage range:</td><td style="text-align: right;">44.8~57.6Vd.c.</td></tr> <tr><td>Maximum discharge current:</td><td style="text-align: right;">80Ad.c.</td></tr> <tr><td>Maximum discharge power:</td><td style="text-align: right;">4.096kW</td></tr> <tr><td>Maximum charge current:</td><td style="text-align: right;">80Ad.c.</td></tr> <tr><td>Maximum charge power:</td><td style="text-align: right;">4.096kW</td></tr> <tr><td>Protection class:</td><td style="text-align: right;">Class I</td></tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="margin-top: 5px;">Production Date:</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="margin-top: 5px;">Serial No.:</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="text-align: center; font-size: small;">Shenzhen Kstar New Energy Company Limited MADE IN CHINA</p> </div>	Battery type:	LiFePO4	Rated capacity:	100Ah	Rated energy:	5.12kWh	Nominal voltage:	51.2Vd.c.	Ingress Protection:	IP65	Operating ambient Temperature:	-10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)	Operation voltage range:	44.8~57.6Vd.c.	Maximum discharge current:	80Ad.c.	Maximum discharge power:	4.096kW	Maximum charge current:	80Ad.c.	Maximum charge power:	4.096kW	Protection class:	Class I	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">KSTAR</p> <p style="text-align: center;">Model:BP48100P1A-G2</p> <p>Rechargeable Li-ion Battery System IFpP51/161/120[(8S)2S]M/-10+40/90</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Battery type:</td><td style="text-align: right;">LiFePO4</td></tr> <tr><td>Rated capacity:</td><td style="text-align: right;">100Ah</td></tr> <tr><td>Rated energy:</td><td style="text-align: right;">5.12kWh</td></tr> <tr><td>Nominal voltage:</td><td style="text-align: right;">51.2Vd.c.</td></tr> <tr><td>Ingress Protection:</td><td style="text-align: right;">IP65</td></tr> <tr><td>Operating ambient Temperature:</td><td style="text-align: right;">0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)</td></tr> <tr><td>Operation voltage range:</td><td style="text-align: right;">44.8~57.6Vd.c.</td></tr> <tr><td>Maximum discharge current:</td><td style="text-align: right;">80Ad.c.</td></tr> <tr><td>Maximum discharge power:</td><td style="text-align: right;">4.096kW</td></tr> <tr><td>Maximum charge current:</td><td style="text-align: right;">80Ad.c.</td></tr> <tr><td>Maximum charge power:</td><td style="text-align: right;">4.096kW</td></tr> <tr><td>Protection class:</td><td style="text-align: right;">Class I</td></tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="margin-top: 5px;">Production Date:</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="margin-top: 5px;">Serial No.:</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 5px;"></div> <p style="text-align: center; font-size: small;">Shenzhen Kstar New Energy Company Limited MADE IN CHINA</p> </div>	Battery type:	LiFePO4	Rated capacity:	100Ah	Rated energy:	5.12kWh	Nominal voltage:	51.2Vd.c.	Ingress Protection:	IP65	Operating ambient Temperature:	0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)	Operation voltage range:	44.8~57.6Vd.c.	Maximum discharge current:	80Ad.c.	Maximum discharge power:	4.096kW	Maximum charge current:	80Ad.c.	Maximum charge power:	4.096kW	Protection class:	Class I
Battery type:	LiFePO4																																																	
Rated capacity:	100Ah																																																	
Rated energy:	5.12kWh																																																	
Nominal voltage:	51.2Vd.c.																																																	
Ingress Protection:	IP65																																																	
Operating ambient Temperature:	-10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)																																																	
Operation voltage range:	44.8~57.6Vd.c.																																																	
Maximum discharge current:	80Ad.c.																																																	
Maximum discharge power:	4.096kW																																																	
Maximum charge current:	80Ad.c.																																																	
Maximum charge power:	4.096kW																																																	
Protection class:	Class I																																																	
Battery type:	LiFePO4																																																	
Rated capacity:	100Ah																																																	
Rated energy:	5.12kWh																																																	
Nominal voltage:	51.2Vd.c.																																																	
Ingress Protection:	IP65																																																	
Operating ambient Temperature:	0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)																																																	
Operation voltage range:	44.8~57.6Vd.c.																																																	
Maximum discharge current:	80Ad.c.																																																	
Maximum discharge power:	4.096kW																																																	
Maximum charge current:	80Ad.c.																																																	
Maximum charge power:	4.096kW																																																	
Protection class:	Class I																																																	

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2:

KSTAR
Model:BP48100PF2A-G2

Rechargeable Li-ion Battery System
IFpP51/162/120[(8S)2S]M/-10+40/90

Battery type:	LiFePO4
Rated capacity:	100Ah
Rated energy:	5.12kWh
Nominal voltage:	51.2Vd.c.
Ingress Protection:	IP65
Operating ambient Temperature:	-10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)
Operation voltage range:	44.8~57.6Vd.c.
Maximum discharge current:	80Ad.c.
Maximum discharge power:	4.096kW
Maximum charge current:	80Ad.c.
Maximum charge power:	4.096kW
Protection class:	Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2:

KSTAR
Model:BP48100P2A-G2

Rechargeable Li-ion Battery System
IFpP51/162/120[(8S)2S]M/-10+40/90

Battery type:	LiFePO4
Rated capacity:	100Ah
Rated energy:	5.12kWh
Nominal voltage:	51.2Vd.c.
Ingress Protection:	IP65
Operating ambient Temperature:	0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)
Operation voltage range:	44.8~57.6Vd.c.
Maximum discharge current:	80Ad.c.
Maximum discharge power:	4.096kW
Maximum charge current:	80Ad.c.
Maximum charge power:	4.096kW
Protection class:	Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-2P:

KSTAR
Model:BP48100PF1A-G2-2P

Rechargeable Li-ion Battery System
IFpP51/161/120[(8S)2S]2P]E/-10+40/90

Battery type:	LiFePO4
Rated capacity:	200Ah
Rated energy:	10.24kWh
Nominal voltage:	51.2Vd.c.
Ingress Protection:	IP65
Operating ambient Temperature:	-10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)
Operation voltage range:	44.8~57.6Vd.c.
Maximum discharge current:	160Ad.c.
Maximum discharge power:	8.192kW
Maximum charge current:	160Ad.c.
Maximum charge power:	8.192kW
Protection class:	Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-2P:

KSTAR
Model:BP48100P1A-G2-2P

Rechargeable Li-ion Battery System
IFpP51/161/120[(8S)2S]2P]E/-10+40/90

Battery type:	LiFePO4
Rated capacity:	200Ah
Rated energy:	10.24kWh
Nominal voltage:	51.2Vd.c.
Ingress Protection:	IP65
Operating ambient Temperature:	0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)
Operation voltage range:	44.8~57.6Vd.c.
Maximum discharge current:	160Ad.c.
Maximum discharge power:	8.192kW
Maximum charge current:	160Ad.c.
Maximum charge power:	8.192kW
Protection class:	Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-2P:

KSTAR

Model:BP48100PF2A-G2-2P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)2P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 200Ah

Rated energy: 10.24kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 160Ad.c.

Maximum discharge power: 8.192kW

Maximum charge current: 160Ad.c.

Maximum charge power: 8.192kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-2P:

KSTAR

Model:BP48100P2A-G2-2P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)2P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 200Ah

Rated energy: 10.24kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 160Ad.c.

Maximum discharge power: 8.192kW

Maximum charge current: 160Ad.c.

Maximum charge power: 8.192kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-3P:

KSTAR

Model:BP48100PF1A-G2-3P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)3P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 300Ah

Rated energy: 15.36kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-3P:

KSTAR

Model:BP48100PF1A-G2-3P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)3P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 300Ah

Rated energy: 15.36kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-3P:

KSTAR

Model:BP48100PF2A-G2-3P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)3P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 300Ah
Rated energy: 15.36kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-3P:

KSTAR

Model:BP48100P2A-G2-3P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)3P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 300Ah
Rated energy: 15.36kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-4P:

KSTAR

Model:BP48100PF1A-G2-4P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)4P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 400Ah
Rated energy: 20.48kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-4P:

KSTAR

Model:BP48100P1A-G2-4P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)4P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 400Ah
Rated energy: 20.48kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-4P:

KSTAR

Model:BP48100PF2A-G2-4P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)4P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 400Ah

Rated energy: 20.48kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-4P:

KSTAR

Model:BP48100P2A-G2-4P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)4P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 400Ah

Rated energy: 20.48kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-5P:

KSTAR

Model:BP48100PF1A-G2-5P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)5P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 500Ah

Rated energy: 25.6kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-5P:

KSTAR

Model:BP48100P1A-G2-5P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)5P)E/-10+40/90

Battery type: LiFePO4

Rated capacity: 500Ah

Rated energy: 25.6kWh

Nominal voltage: 51.2Vd.c.

Ingress Protection: IP65

Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)

Operation voltage range: 44.8~57.6Vd.c.

Maximum discharge current: 240Ad.c.

Maximum discharge power: 12.288kW

Maximum charge current: 240Ad.c.

Maximum charge power: 12.288kW

Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-5P:

KSTAR
Model:BP48100PF2A-G2-5P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)5P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 500Ah
Rated energy: 25.6kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-5P:

KSTAR
Model:BP48100P2A-G2-5P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)5P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 500Ah
Rated energy: 25.6kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-6P:

KSTAR
Model:BP48100PF1A-G2-6P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)6P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 600Ah
Rated energy: 30.72kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-6P:

KSTAR
Model:BP48100P1A-G2-6P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)6P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 600Ah
Rated energy: 30.72kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-6P:

KSTAR
Model:BP48100PF2A-G2-6P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)6P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 600Ah
Rated energy: 30.72kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-6P:

KSTAR
Model:BP48100P2A-G2-6P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)6P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 600Ah
Rated energy: 30.72kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-7P:

KSTAR
Model:BP48100PF1A-G2-7P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)7P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 700Ah
Rated energy: 35.84kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-7P:

KSTAR
Model:BP48100P1A-G2-7P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)7P]E/-10+40/90

Battery type: LiFePO4
Rated capacity: 700Ah
Rated energy: 35.84kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

**Attachment No.1:
Photo Documentation**

BP48100PF2A-G2-7P:

KSTAR
Model:BP48100PF2A-G2-7P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)7P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 700Ah
Rated energy: 35.84kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P2A-G2-7P:

KSTAR
Model:BP48100P2A-G2-7P

Rechargeable Li-ion Battery System
IFpP51/162/120(((8S)2S)7P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 700Ah
Rated energy: 35.84kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100PF1A-G2-8P:

KSTAR
Model:BP48100PF1A-G2-8P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)8P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 800Ah
Rated energy: 40.96kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: -10°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

BP48100P1A-G2-8P:

KSTAR
Model:BP48100P1A-G2-8P

Rechargeable Li-ion Battery System
IFpP51/161/120(((8S)2S)8P)E/-10+40/90

Battery type: LiFePO4
Rated capacity: 800Ah
Rated energy: 40.96kWh
Nominal voltage: 51.2Vd.c.
Ingress Protection: IP65
Operating ambient Temperature: 0°C~+50°C(Charging)/
-10°C~+50°C(Discharging)
Operation voltage range: 44.8~57.6Vd.c.
Maximum discharge current: 240Ad.c.
Maximum discharge power: 12.288kW
Maximum charge current: 240Ad.c.
Maximum charge power: 12.288kW
Protection class: Class I



Production Date:

Serial No.:

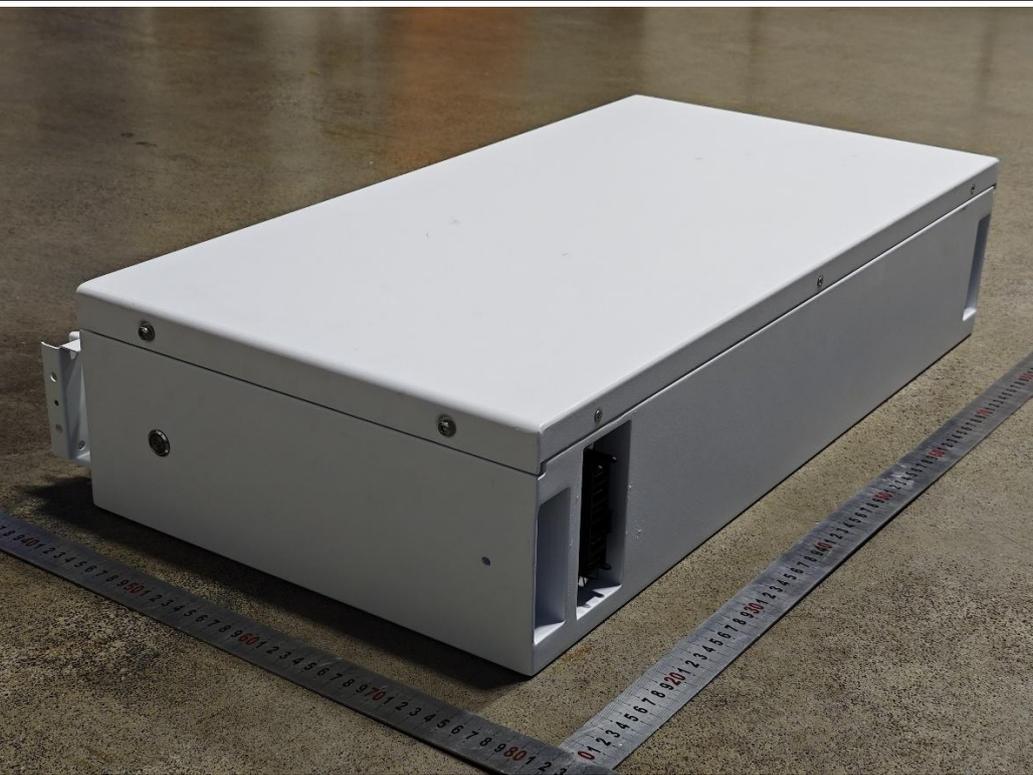
Shenzhen Kstar New Energy Company Limited
MADE IN CHINA

Attachment No.1: Photo Documentation

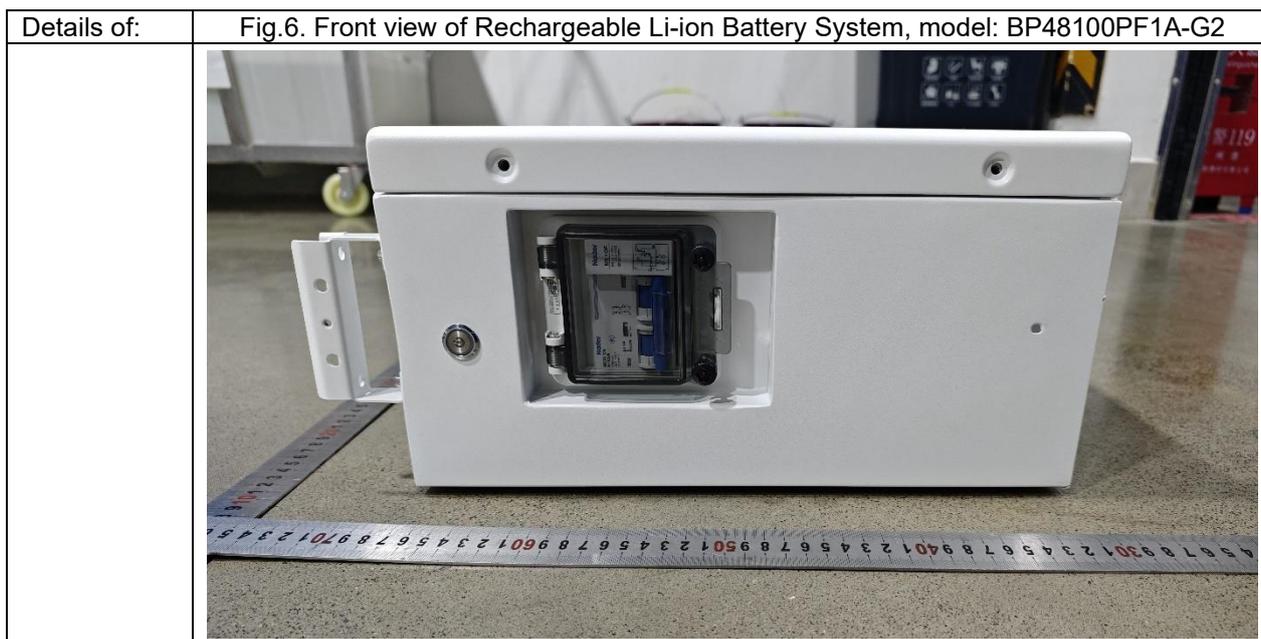
BP48100PF2A-G2-8P:	BP48100P2A-G2-8P:
 <p>Model:BP48100PF2A-G2-8P</p> <p>Rechargeable Li-ion Battery System IFpP51/162/120(((8S)2S)8P)E/-10+40/90</p> <p>Battery type: LiFePO4</p> <p>Rated capacity: 800Ah</p> <p>Rated energy: 40.96kWh</p> <p>Nominal voltage: 51.2Vd.c.</p> <p>Ingress Protection: IP65</p> <p>Operating ambient Temperature: -10°C~+50°C(Charging)/ -10°C~+50°C(Discharging)</p> <p>Operation voltage range: 44.8~57.6Vd.c.</p> <p>Maximum discharge current: 240Ad.c.</p> <p>Maximum discharge power: 12.288kW</p> <p>Maximum charge current: 240Ad.c.</p> <p>Maximum charge power: 12.288kW</p> <p>Protection class: Class I</p>  <p>Production Date: <input style="width: 100%; height: 20px;" type="text"/></p> <p>Serial No.: <input style="width: 100%; height: 20px;" type="text"/></p> <p style="text-align: center;">Shenzhen Kstar New Energy Company Limited MADE IN CHINA</p>	 <p>Model:BP48100P2A-G2-8P</p> <p>Rechargeable Li-ion Battery System IFpP51/162/120(((8S)2S)8P)E/-10+40/90</p> <p>Battery type: LiFePO4</p> <p>Rated capacity: 800Ah</p> <p>Rated energy: 40.96kWh</p> <p>Nominal voltage: 51.2Vd.c.</p> <p>Ingress Protection: IP65</p> <p>Operating ambient Temperature: 0°C~+50°C(Charging)/ -10°C~+50°C(Discharging)</p> <p>Operation voltage range: 44.8~57.6Vd.c.</p> <p>Maximum discharge current: 240Ad.c.</p> <p>Maximum discharge power: 12.288kW</p> <p>Maximum charge current: 240Ad.c.</p> <p>Maximum charge power: 12.288kW</p> <p>Protection class: Class I</p>  <p>Production Date: <input style="width: 100%; height: 20px;" type="text"/></p> <p>Serial No.: <input style="width: 100%; height: 20px;" type="text"/></p> <p style="text-align: center;">Shenzhen Kstar New Energy Company Limited MADE IN CHINA</p>
	
<p>Remark:</p> <ol style="list-style-type: none"> 1. "2025-11-16" represents the date of manufacture. This is not the manufacture date of the actual sample and only for example. 2. The Serial No. "610690139EC0661118002" 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 the user manual. 	

**Attachment No.1:
Photo Documentation**

Details of:	Fig.4. Overview 1 of Rechargeable Li-ion Battery System, model: BP48100PF1A-G2
	<p>Remark: Rechargeable Li-ion Battery System, model no.: BP48100PF1A-G2, BP48100P1A-G2, BP48100PF2A-G2, BP48100P2A-G2 are identical in appearance.</p>

Details of:	Fig.5. Overview 2 of Rechargeable Li-ion Battery System, model: BP48100PF1A-G2
	

**Attachment No.1:
Photo Documentation**



**Attachment No.1:
Photo Documentation**

Details of:	Fig.8. Overview of Connector 1
	

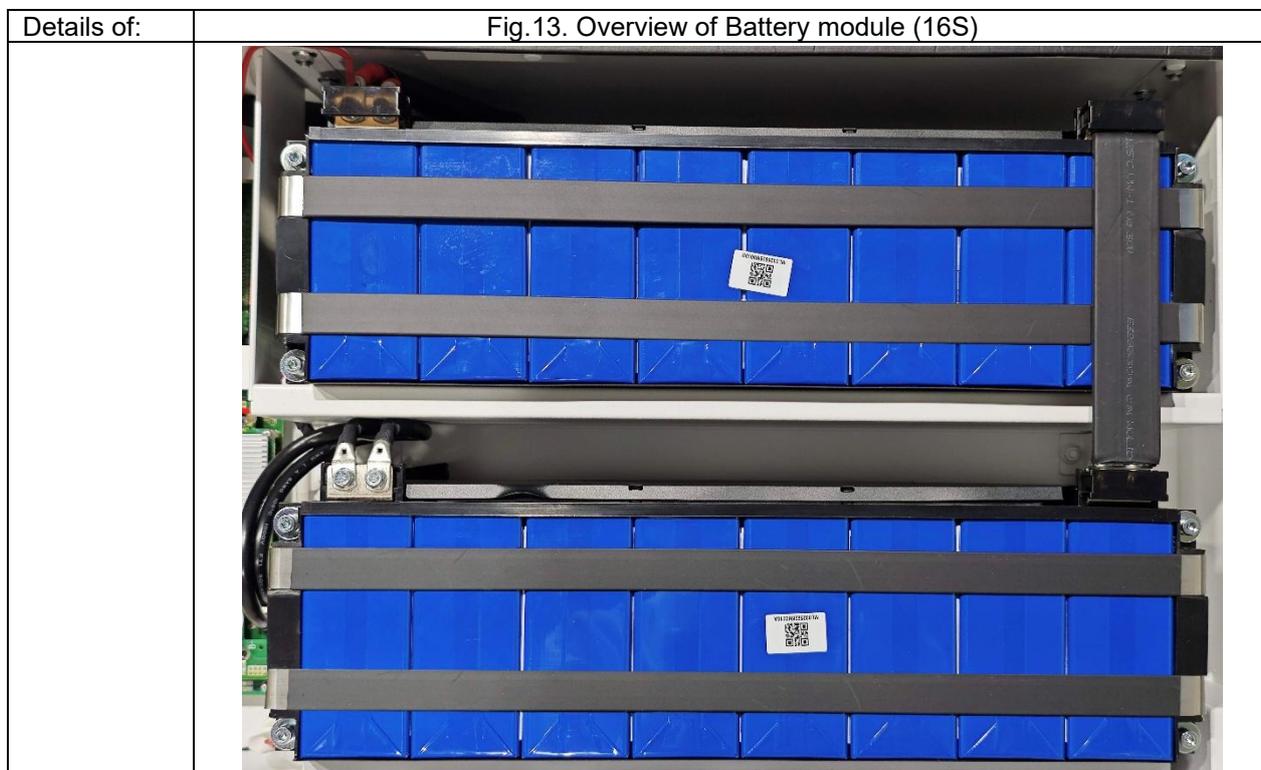
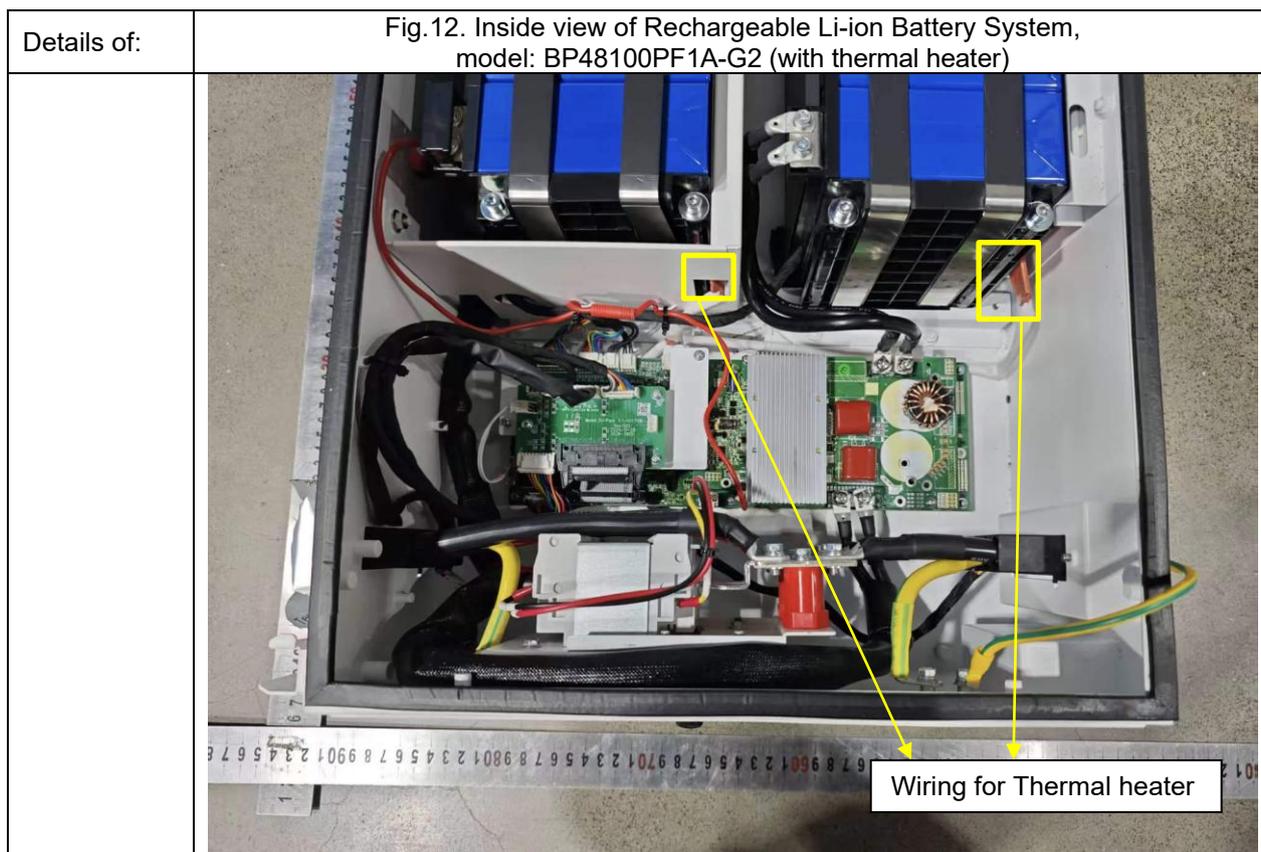
Details of:	Fig.9. Overview of Connector 2
	

**Attachment No.1:
Photo Documentation**

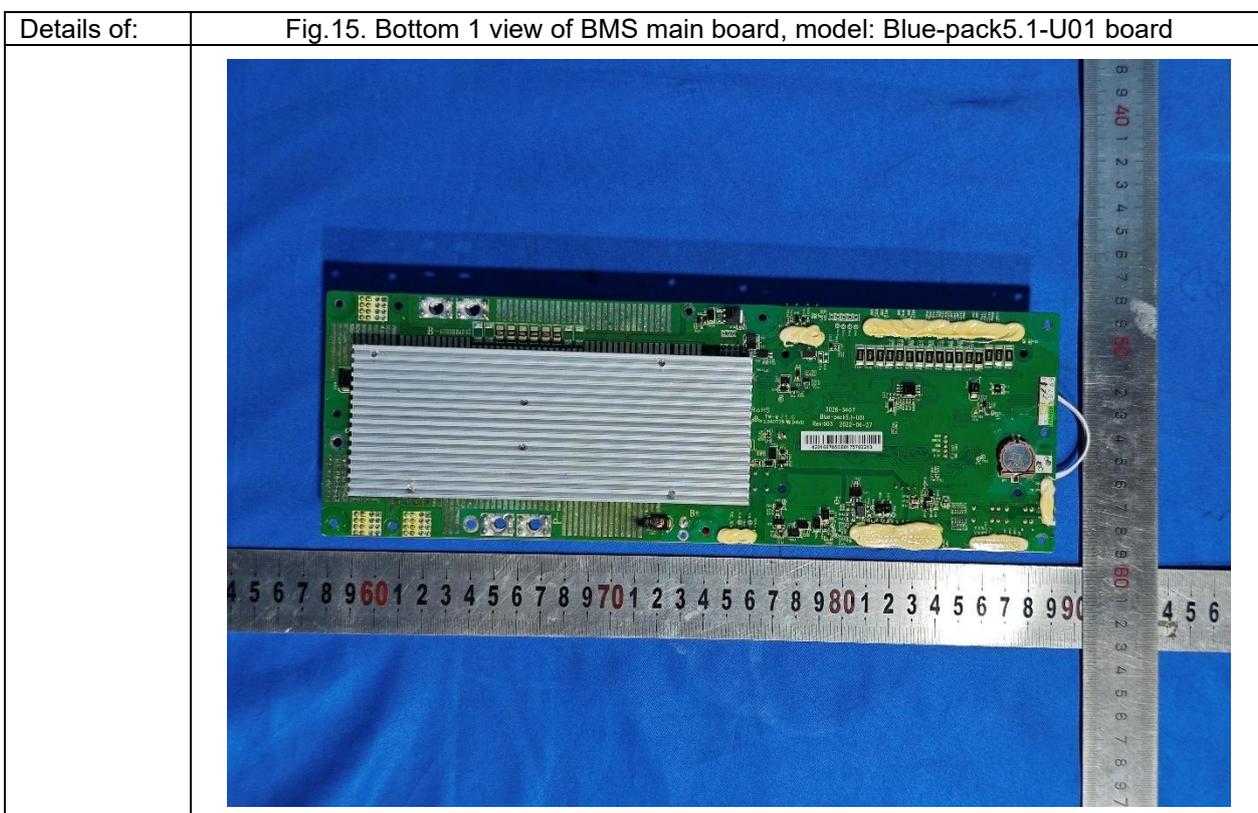
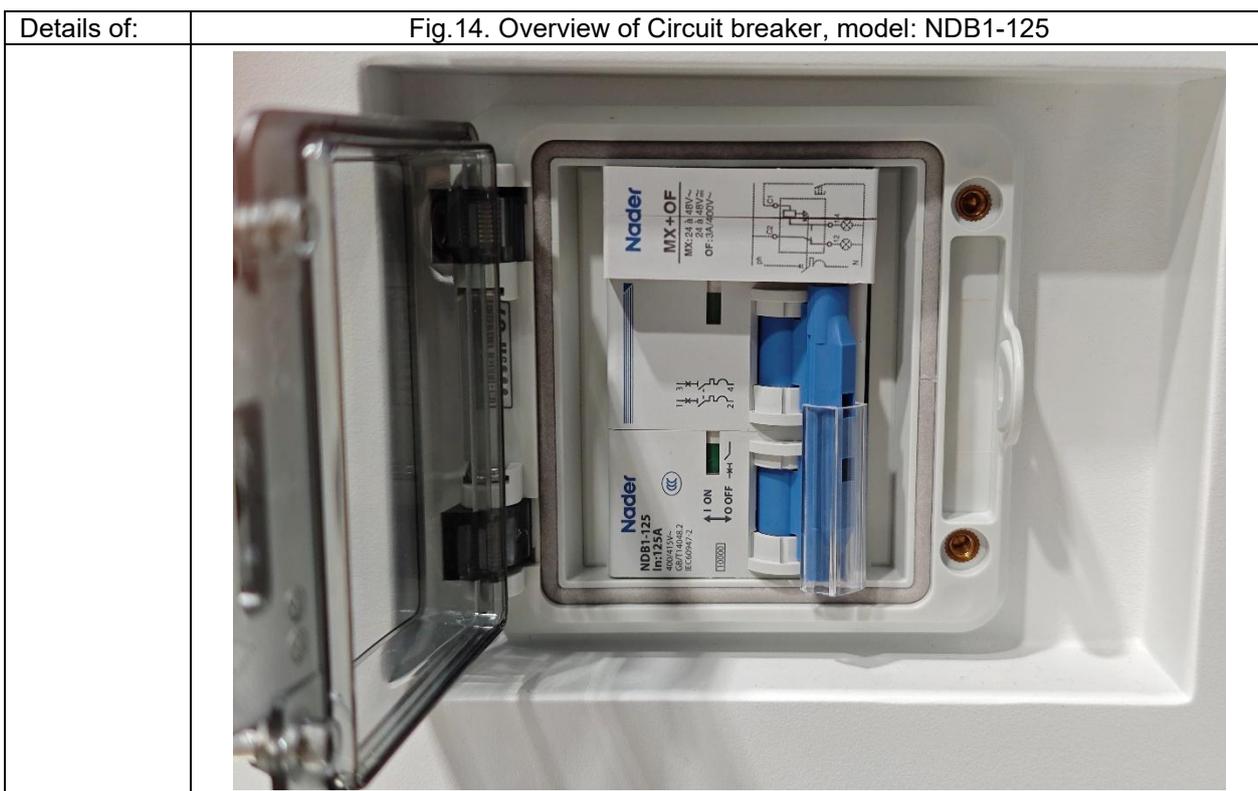
<p>Details of:</p>	<p>Fig.10. Overview of Rechargeable Li-ion Battery System (Open the cover), model: BP48100PF1A-G2 (with thermal heater)</p>
	

<p>Details of:</p>	<p>Fig.11. Inside view of Rechargeable Li-ion Battery System, model: BP48100PF1A-G2 (with thermal heater)</p>
	

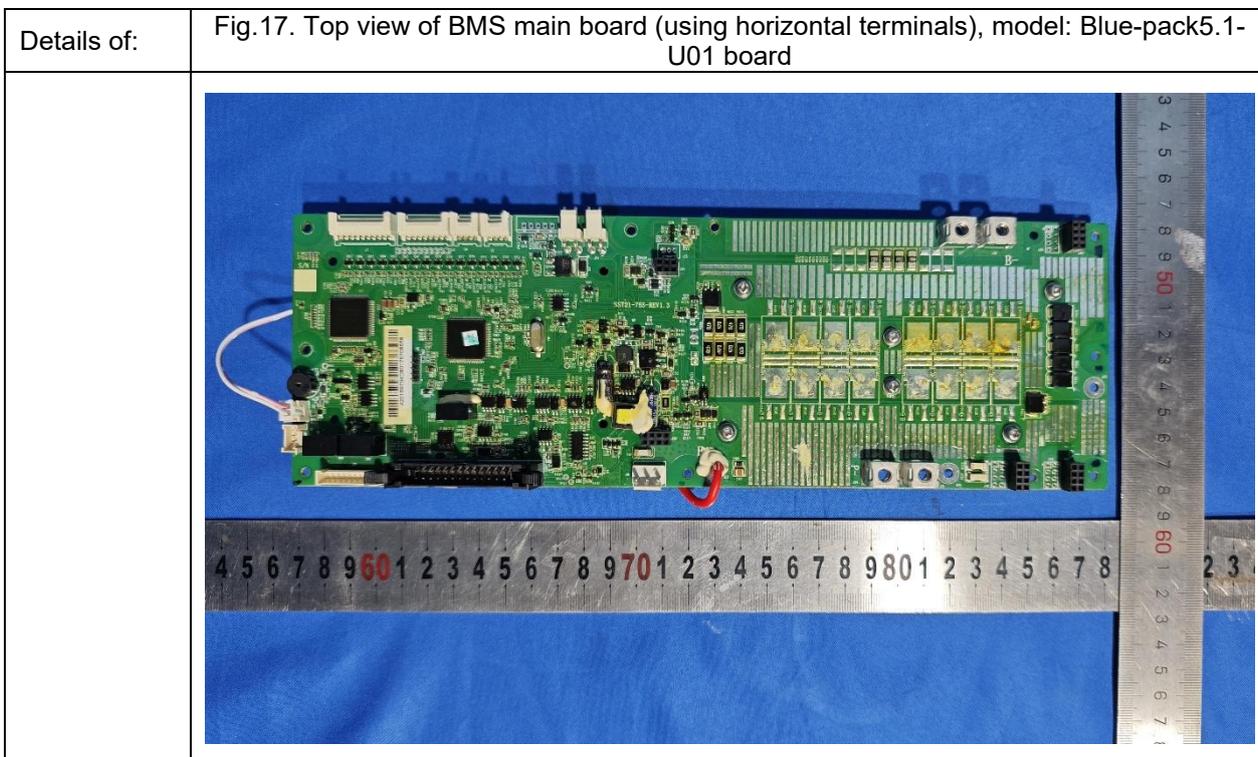
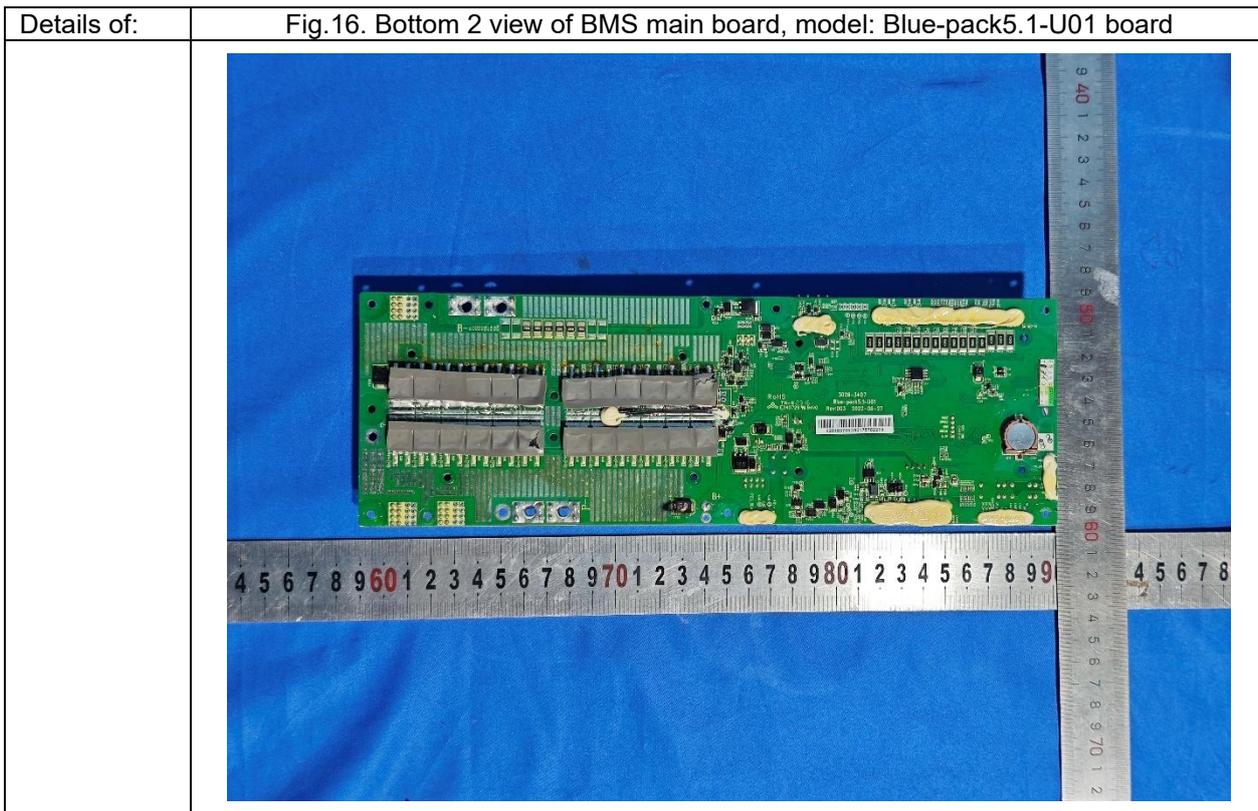
**Attachment No.1:
Photo Documentation**



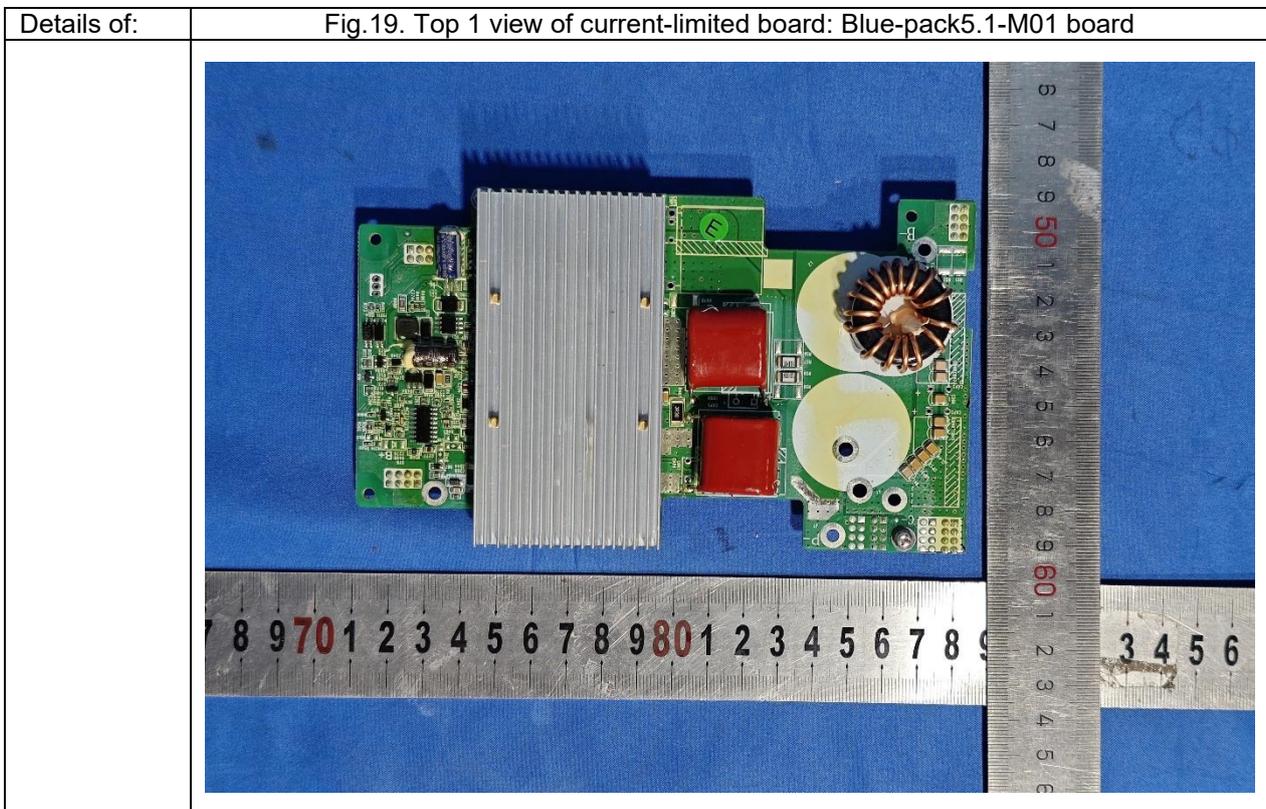
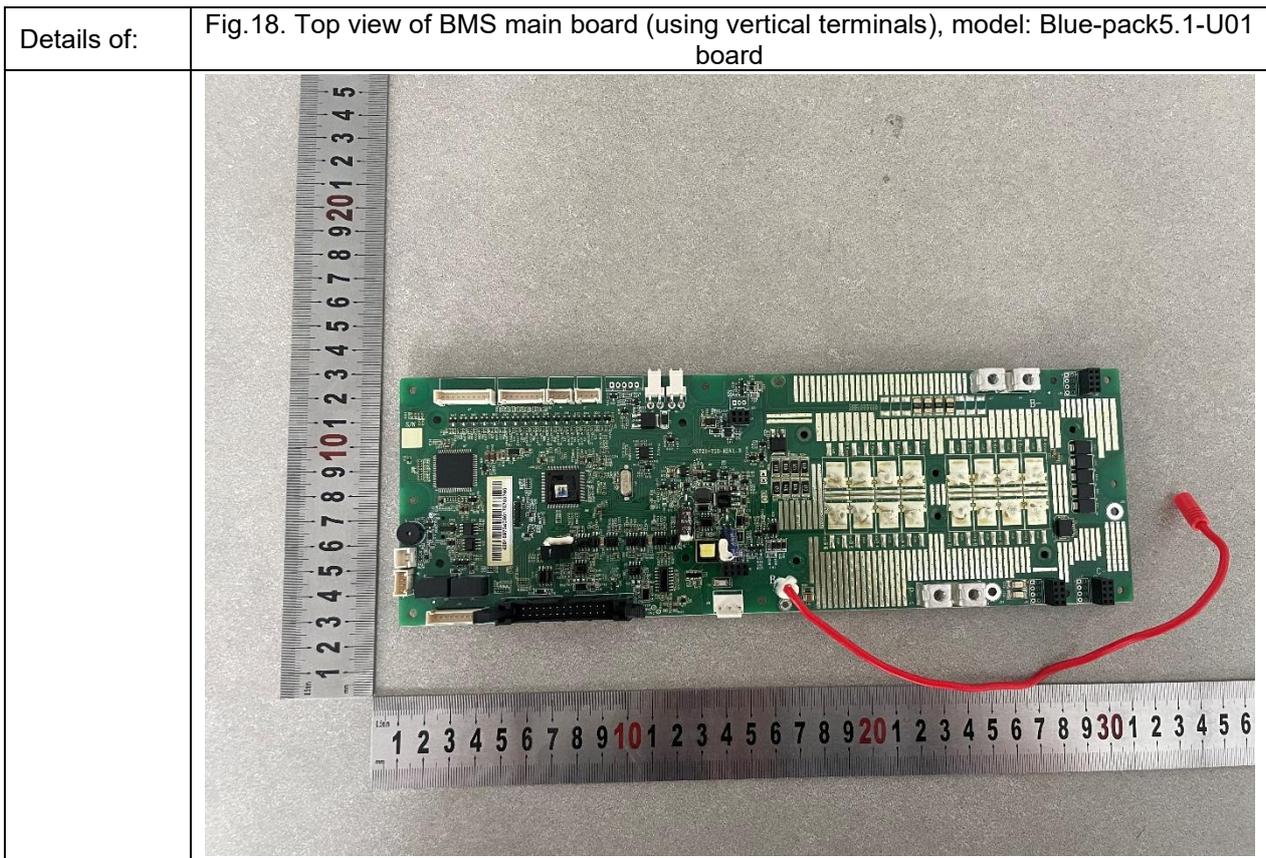
**Attachment No.1:
Photo Documentation**



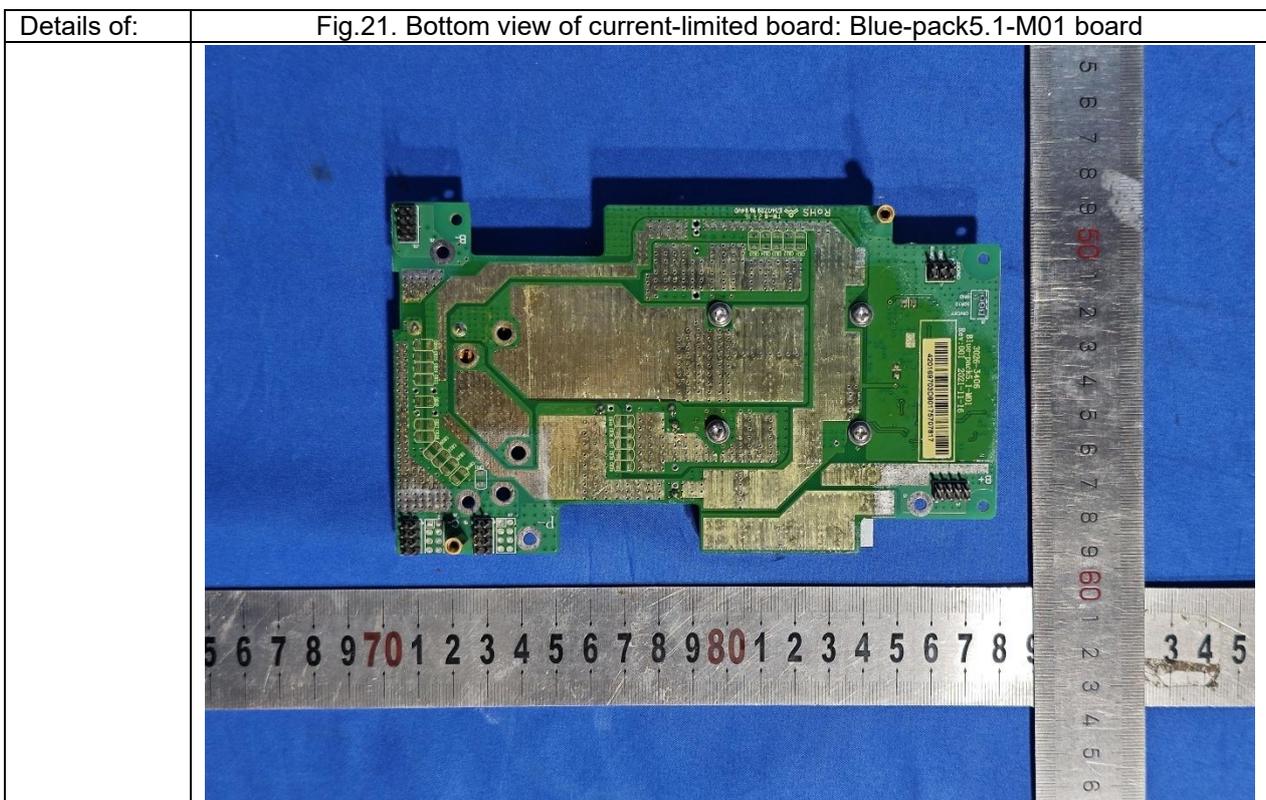
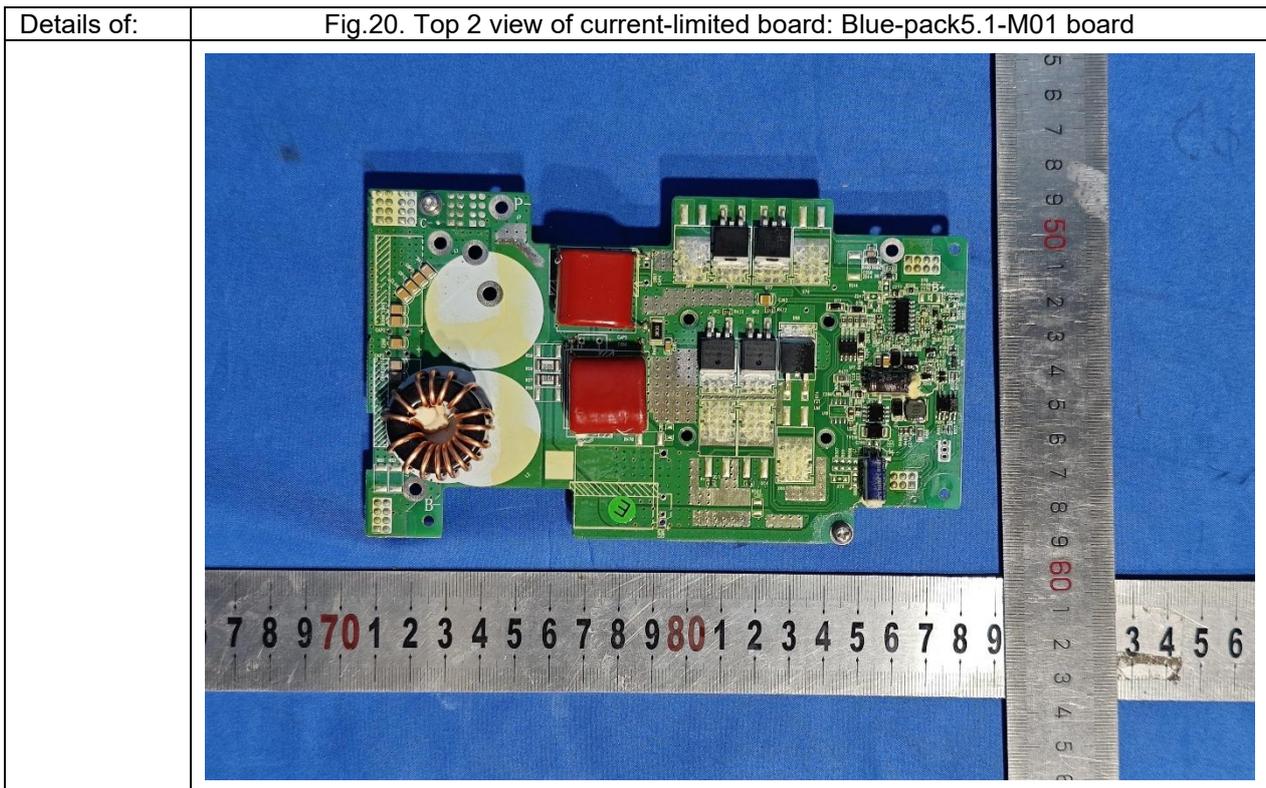
**Attachment No.1:
Photo Documentation**



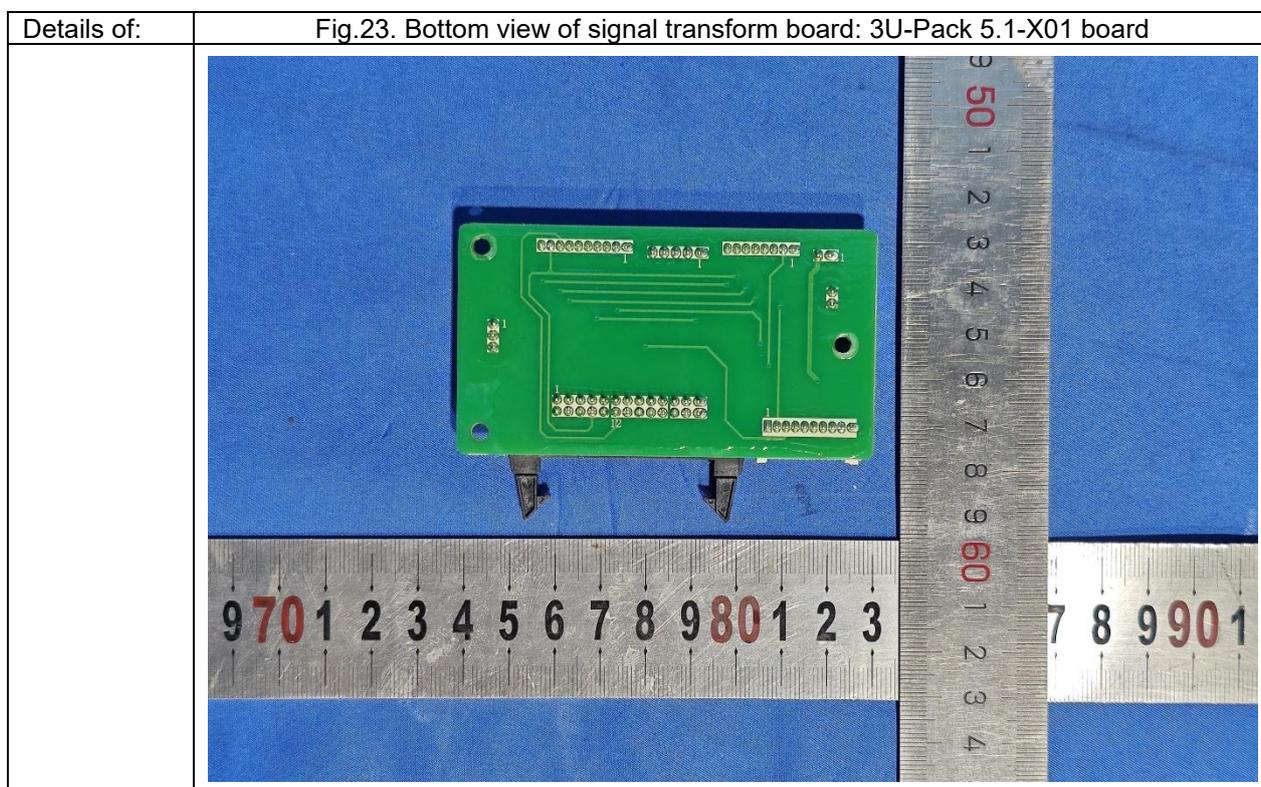
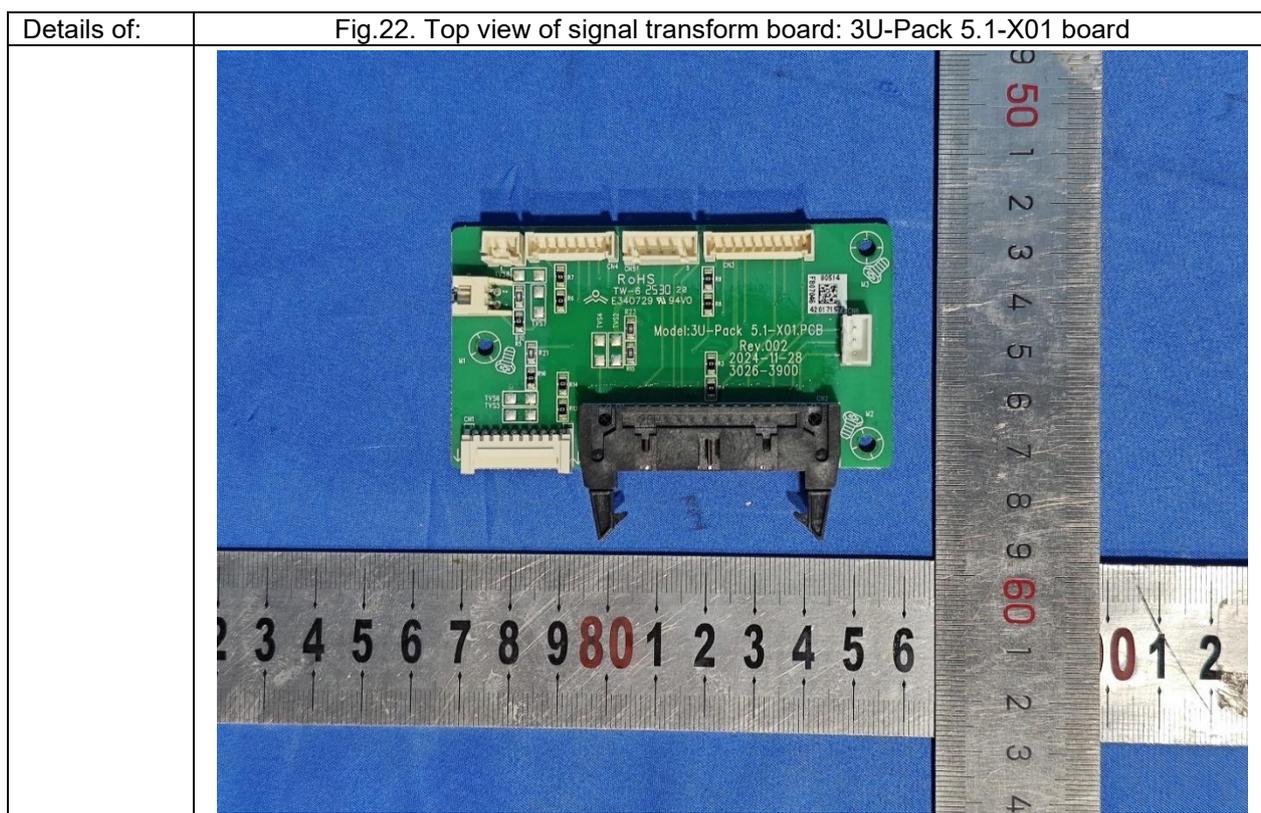
**Attachment No.1:
Photo Documentation**



**Attachment No.1:
Photo Documentation**

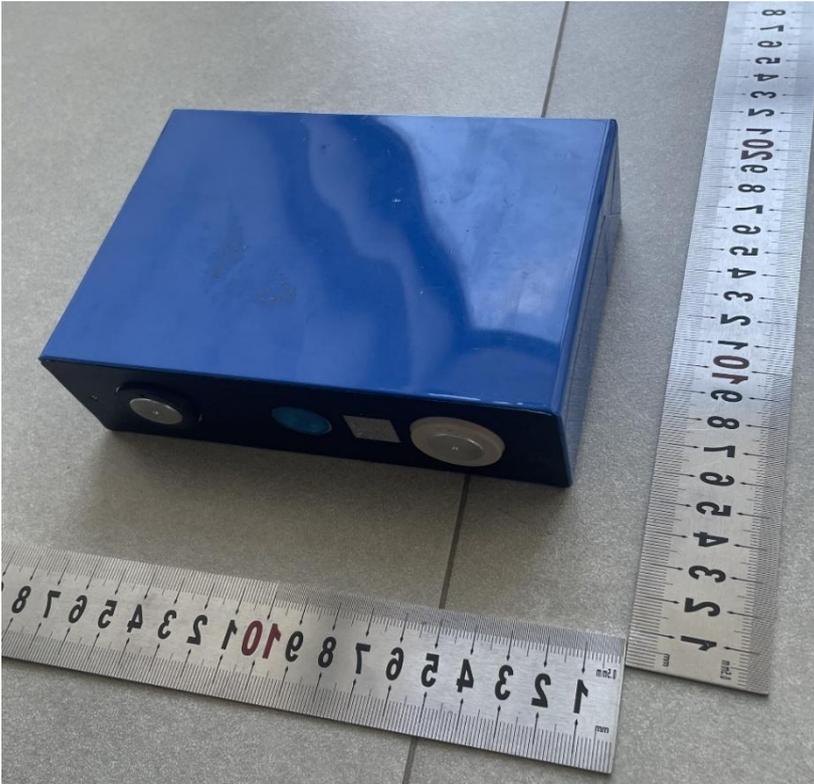


**Attachment No.1:
Photo Documentation**

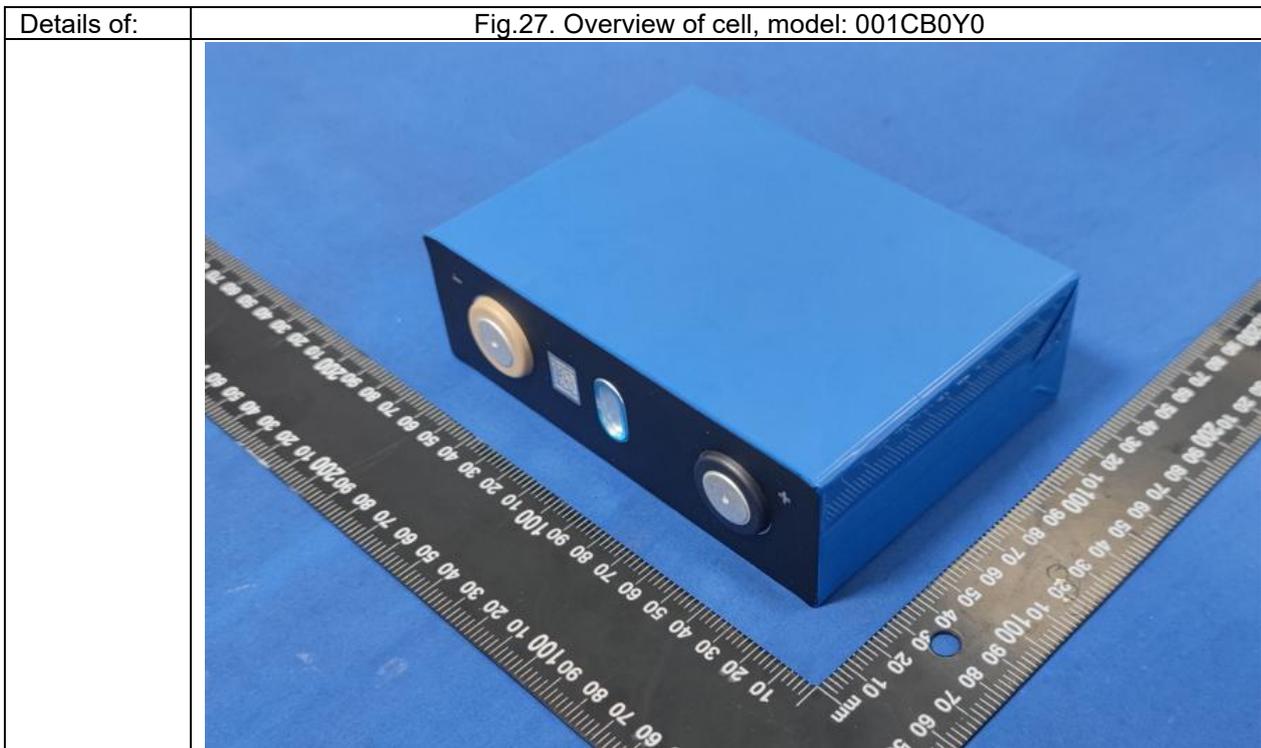
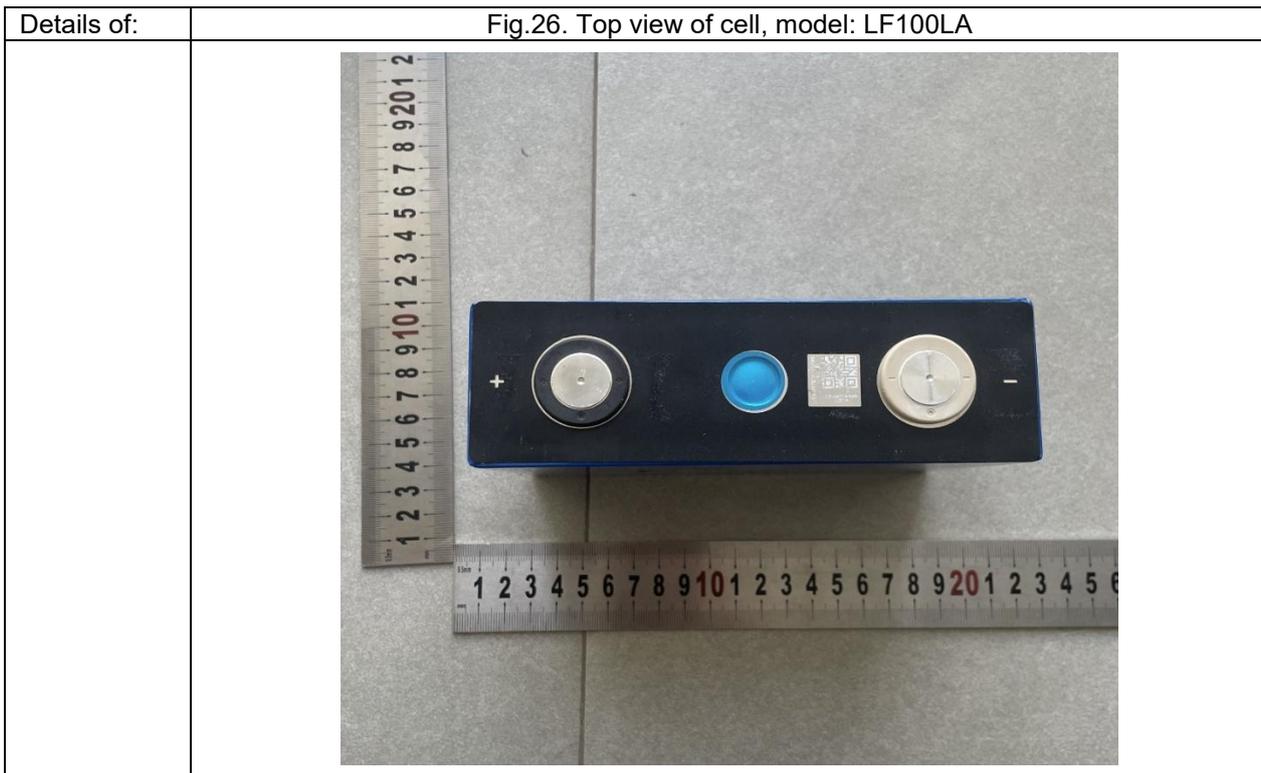


**Attachment No.1:
Photo Documentation**

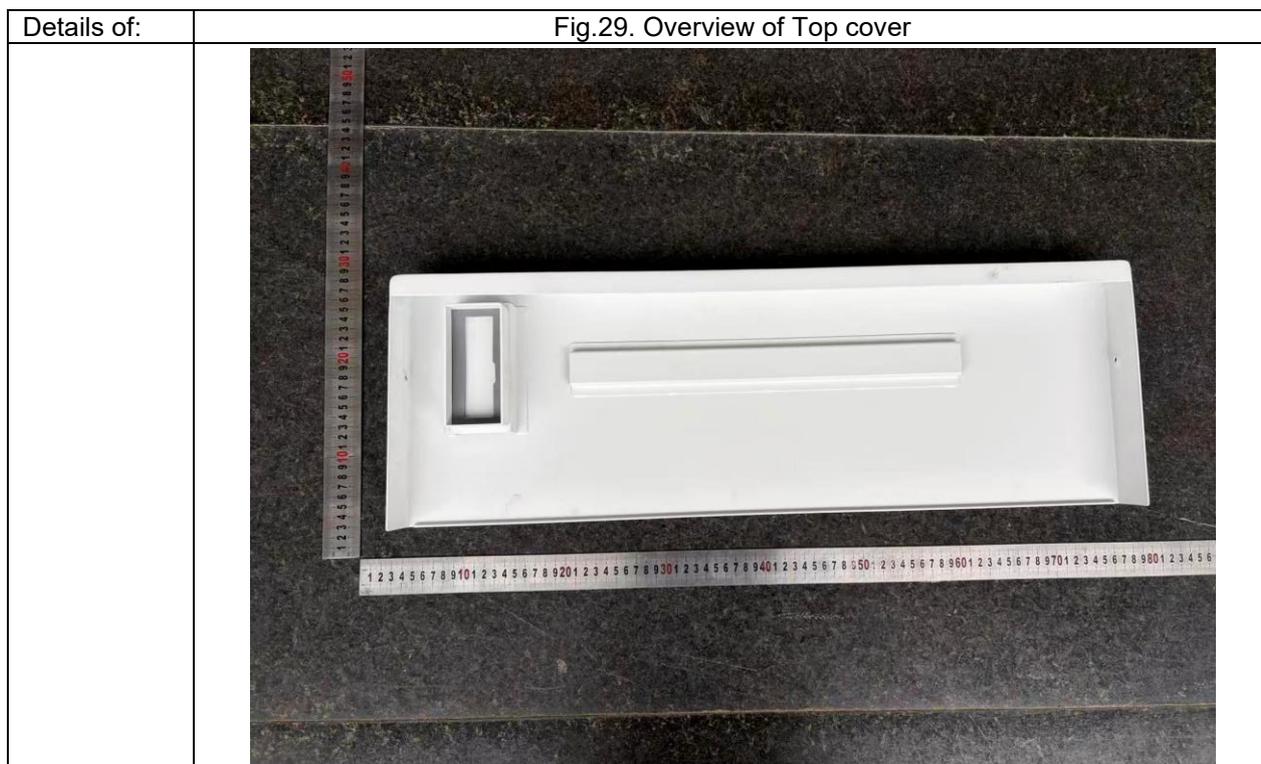
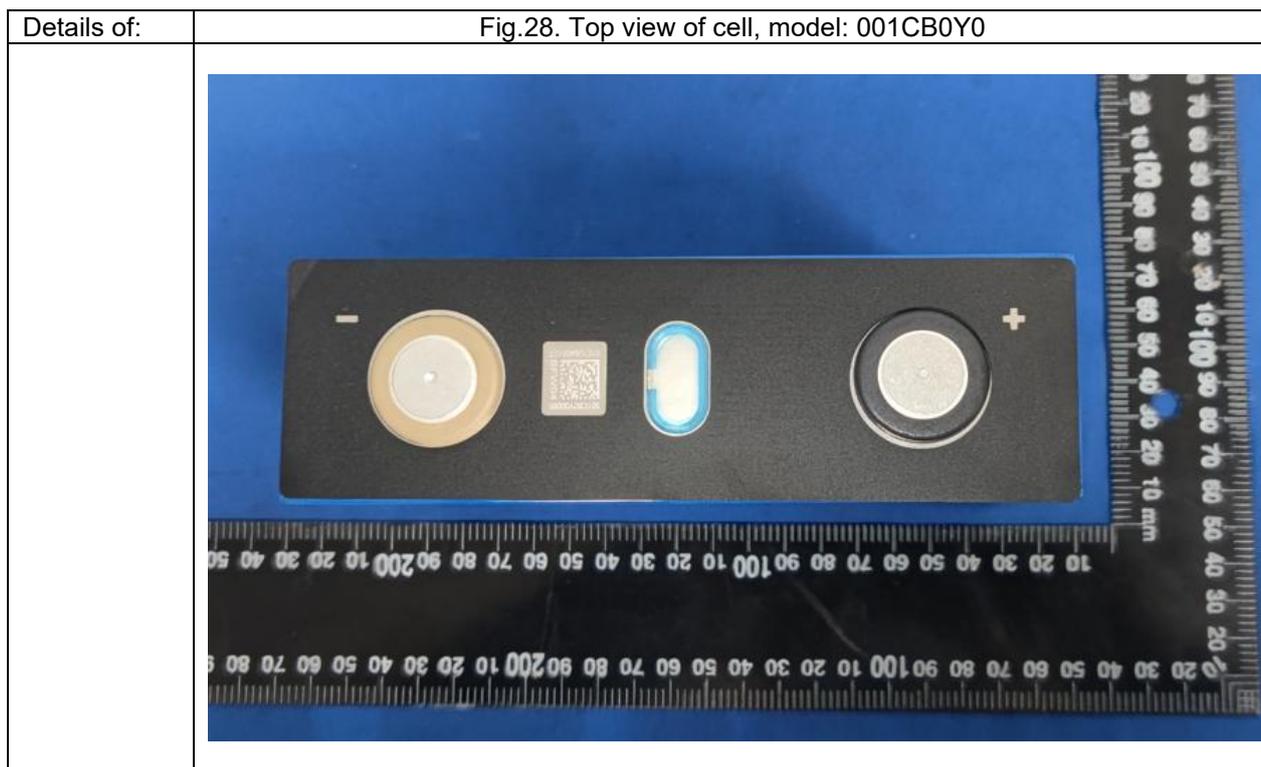
Details of:	Fig.24. Overview of Aerosol Fire Extinguisher, model: QRR0.06G/S/H600
	 <p>Remark: The Aerosol Fire Extinguisher is an optional component for selected.</p>

Details of:	Fig.25. Overview of cell, model: LF100LA
	

**Attachment No.1:
Photo Documentation**



**Attachment No.1:
Photo Documentation**



**Attachment No.1:
Photo Documentation**

<p>Details of:</p>	<p>Fig.30. Overview of floor stand 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</p>
	

**Attachment No.1:
Photo Documentation**

Details of:	Fig.31. Overview of floor stand 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
	

--- End ---