

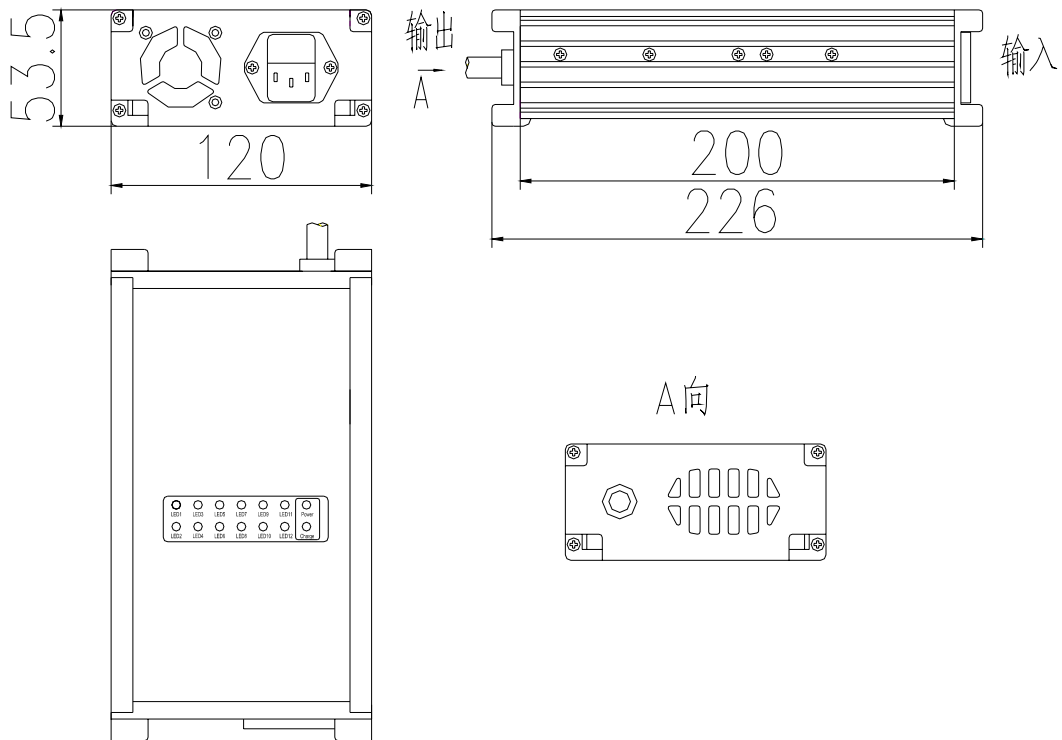
Product Specifications

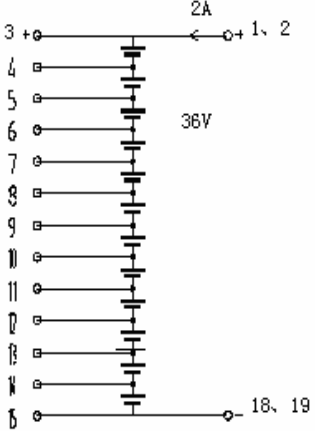
Product Name: Cell Balancing Charger

Model: BC3-3602BL

**Standards: EN60335-1:2002+A1:2004+A12:2006
EN60335-2-29:2004**

Specifications

Item	Description	Specification	Measurement or Standard
1.0	Physical Housing		
1.1	 <p>Technical drawings of the physical housing. The top left drawing shows a front view with a width of 120mm and a height of 53.5mm. The top right drawing shows a side view with a depth of 200mm and a total width of 226mm. The bottom left drawing shows a front view of the housing with a control panel. The bottom right drawing, labeled 'A', shows the internal components.</p>		
1.2	Overall housing width	200mm	Measure
1.3	Overall housing depth	120mm	Measure
1.4	Overall housing depth	53.5mm	Measure
1.5	Color of housing	black	Visual
1.6	Ventilation holes	No more than 15% of housing surface	Visual
1.7	Cooling fan	40×40mm	Visual
1.8	Maximum external temperature	<50°C at 20° C ambient (Covered in detail by 7176-25)	Measured during one full charge cycle
1.9	Handle	No	Visual
1.10	Labeling	The housing shall have a surface both visible and suitable for affixing warning and instruction labeling.	Visual
2.0	Electrical Connections		
2.1	Nominal voltage (source to battery)	36 V DC	Measure
2.2	Isolation: DC Impedance with chassis	>10 kohms	Measure

2.3	AC connector to mains	TMD	Visual
2.4	DC connector to battery	military plug	Visual
2.4.1	Output 1	TMD	Visual
2.4.2	Output 2 plug	Aviation plug 19pin	Visual
2.4.3	Output 2 socket	Aviation socket 19pin	Visual
2.5	 <p>16,17 reserved</p>		
2.6	Insulation	Class 2	Visual
3.0	Performance		
3.1	Maximum output current	2 A $\pm 5\%$ DC	Measure
3.2	Maximum output voltage	44 ± 0.1 V DC	Measure
3.3	Input frequency	50Hz/60Hz	Measure
3.4	Input voltage	100-120 VAC for North America 200-240VAC other countries	Measure
3.5	Charge algorithm	The charge algorithm shall follow the IUIa/DIN 41773 standard.	Measure
4.0	Mounting		
4.1	Off-board mounting	Handy	Visual
5.0	Controls and Indicators		
5.1	On/off indicator	Red LED	Visual
5.2	Battery state of charge indicator		
5.2.1	charging	Red LED	Visual
5.2.2	Full charge	Green LED	Visual
5.3	On/off switch	No	Visual
5.4	Balance charging state	Red LED	Visual
6.0	Operating Environment		
6.1	Ambient Operating Temperature	0°C to 50° C	ISO 7176-9
6.2	Storage Temperature	-40°C to +85° C	ISO 7176-9
6.3	Dust and moisture protection	IP21	ISO 7176-9
6.4	Humidity	95%	ISO 7176-9
6.5	Shock	About 10g	
6.6	Vibration	10-55HZ,1.5mm(2hrs per axis)	
7.0	Guaranty	1 year	
8.0	Labeling	yes	

