



# CHARGER BROCHURE





# About the Company



## Company Profile

Founded in 2014, BSL Power is based in Weihai, Shandong, China. Its facilities cover 45,000 square meters, with a modern plant of 36,700 square meters. The company has 5 advanced SMT production lines, 5 PBA production lines, and 10 assembly production lines.



BSL Power focuses on independently developing, designing, producing and selling specialized power products, including car battery chargers, new energy vehicle chargers, motor controllers, inverter and DC-DC converter. Its IP65 - sealed chargers, ranging from 300W to 6000W, are self - designed and manufactured, meeting the requirements of lead - acid, lithium, and nickel - hydrogen batteries. The products are applied in cars, electric motorcycles, golf carts, ATV, UTV, AGV, electric forklifts, patrol vehicles, lawn mowers, jet boards, electric boats, etc.

With IATF16949 certification and many product certifications like UL, CE, CEC, DoE, PSE, KC and CB, BSL Power, emphasizing advanced technology, operational efficiency and top - tier reliability, has become a trusted charging solutions partner across industries, providing high - quality, customized products.

## Our Advantages

### 1. 10 SMT Lines



### 2. 10 PBA Lines



### 3. AI Automation Lines



### 4. 10 Assembly Lines



### 5. Online Testing



### 6. QC Inspection



### 7. Experimental Resource



# IP65 Seal Battery Charger



# IP65 Seal Battery Charger

## 336A Model



Electrical:  
 AC Input Voltage : 200VAC ~ 240VAC; 50/60Hz;  
 AC Input Max Current: 2A@220VAC;Housing  
 Mechanical: Dimensions: 169\*101\*55 mm  
 Weight: 1kg (2.2lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
336A48XX	48V	60V	6A
336A60XX	60V	73V	5A
336A72XX	72V	88V	4A

## 480A Model



Electrical:  
 AC Input Voltage : 200VAC ~ 240VAC; 50/60Hz  
 AC Input Max Current: 3A@220VAC  
 Mechanical:  
 Dimensions: 181\*101\*59 mm  
 Weight: 1.2kg (2.6lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
480A48XX	48V	60V	10A
480A60XX	60V	73V	8A
480A72XX	72V	88V	6A

## 480B Model



Electrical:  
 AC Input Voltage: 200VAC ~ 240VAC; 50/60Hz AC  
 Input Max Current: 2.5A@220VAC;ouProtection  
 Mechanical:  
 Dimensions: 192\*112\*72.5 mm;  
 Weight: 1.2kg (2.6lb) ;

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
480A12XX	12V	17V	15A
480A24XX	24V	33V	15A
480A48XX	48V	66V	9A
480A60XX	60V	84V	8A

## 750WA Model



Electrical:  
 AC Input Voltage: 200VAC ~ 240VAC; 50/60Hz  
 AC Input Max Current: 5A@220VAC  
 Mechanical:  
 Dimensions: 197\*107\*71 mm;  
 Weight: 1.5kg (3.3lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
750A24XX	24V	34V	20A
750A48XX	48V	67V	15A
750A60XX	60V	88V	12A
750A72XX	72V	103V	10A

# IP65 Seal Battery Charger

## 840A Model



Electrical:  
 AC Input Voltage: 200VAC ~ 240VAC; 50/60Hz  
 AC Input Max Current: 5A@220VAC Housing  
 Mechanical: Dimensions: 152\*126\*62 mm  
 Weight: 1.5kg (3.3lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
840A48XX	48V	59V	15A
840A60XX	60V	72V	12A
840A72XX	72V	88V	12A

## 900A Model



Electrical:  
 AC Input Voltage: 120VAC/200~240VAC; 50/60Hz  
 AC Input Max Current: 9.5A@120VAC; 7.5A@220VAC  
 Mechanical:  
 Dimensions: 231\*136\*116 mm Weight: 2kg (4.4lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
900A24XX	24V	33V	30A
900A36XX	36V	49V	30A
900A48XX	48V	66V	25A

## 1200A Model



Electrical:  
 AC Input Voltage Range: 200~240VAC; 50 60H  
 AC Input Max Current: 7A@220VAC; Housing  
 Mechanical: Dimensions: 196\*143\*67 mm  
 Weight: 2kg (4.4lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
1200A36XX	36V	44V	25A
1200A48XX	48V	59V	20A
1200A60XX	60V	72V	18A
1200A72XX	72V	88V	15A

## 1350A Model



Electrical:  
 AC Input Voltage: 200~240VAC; 50 60H ;  
 AC Input Max Current: 7.5A@220VAC  
 Mechanical:  
 Dimensions: 228\*126\*76 mm Weight: 2.5kg (5.5lb);-

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
1350A12XX	12V	16V	25A
1350A24XX	24V	33V	25A
1350A36XX	36V	49V	25A
1350A48XX	48V	67V	25A
1350A60XX	60V	84V	20A
1350A64XX	64V	90V	15A
1350A72XX	72V	102V	18A

# IP65 Seal Battery Charger

## 2000A Model



Electrical:  
AC Input Voltage Range: 200~240VAC; 50/60Hz;  
AC Input Max Current: 11A@220VAC;  
Mechanical:  
Dimensions: 232\*167\*91 mm Weight: 3.5kg (7.7lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
2000A24XX	24V	33V	50A
2000A36XX	36V	49V	35A
2000A48XX	48V	67V	35A
2000A60XX	60V	88V	30A
2000A64XX	64V	90V	25A
2000A72XX	72V	103V	25A
2000A80XX	80V	111V	22A

## 3000A Model



Electrical:  
AC Input Voltage Range: 200~240VAC 50/60Hz;  
AC Input Max Current: 15A@220VAC;  
Mechanical:  
Dimensions: 272\*197\*95 mm; Weight: 5kg (11.0lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
3000A24XX	24V	34V	50A
3000A36XX	36V	51V	50A
3000A48XX	48V	68V	50A
3000A60XX	60V	84V	35A
3000A72XX	72V	100V	35A
3000A96XX	96V	118V	30A
3000A108XX	108V	128V	28A
3000A115XX	115V	140V	25A
3000A144XX	144V	168V	20A
3000A150XX	150V	180V	20A

## 5000A Model



Electrical:  
Phase: Three-phase three-wire + PE line  
Rated AC Input Voltage Range: Phase Voltage 200~240VAC; Line-to-line Voltage: 346~412VAC; 45~65Hz; AC Input Max Current: 9A@380VAC  
Mechanical:  
Dimensions: 419\*282\*143 mm; Weight: 18kg (39.7lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
5000A36XX	36V	49V	100A
5000A48XX	48V	68V	80A
5000A60XX	60V	86V	60A
5000A72XX	72V	102V	60A
5000A80XX	80V	111V	50A

## 6600A Model



Electrical:  
AC Input Voltage: 200~240VAC 50 60H ;  
AC Input Max Current: 32A@220VAC;  
Mechanical:  
Dimensions: 302\*211\*113 mm Weight: 15kg (33lb);

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
6600A24XX	24V	40V	200A
6600A48XX	48V	68V	105A
6600A72XX	72V	95V	90A
6600A80XX	80V	105V	80A
6600A108XX	108V	135V	60A
6600A144XX	144V	180V	44A
6600A360XX	360V	360V	18A

# IP65 Seal Battery Charger

## 336C Model



Electrical:  
 AC Input Voltage: 120VAC/220~240VAC;  
 50/60Hz ;AC Input Max Current: 3.5A;  
 Mechanical: Dimensions: 173\*112\*63mm  
 Weight: 2kg (4.4lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
336C24XX	24V	34V	12A
336C48XX	48V	60V	6A
336C60XX	60V	73V	5A
336C72XX	72V	88V	4A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE, CP65& ECE R10

## 600C Model



Electrical:  
 AC Input Voltage: 120VAC-240VAC; 50/60Hz  
 AC Input Max Current: 6A;  
 Mechanical:  
 Dimensions: 202\*135\*70mm; Weight: 2.4kg (5.28lb)

Model	Rated Battery Voltage	Max Output Voltage	Max Output Current
600C24XX	24V	34V	20A
600C48XX	48V	60V	12A
600C60XX	60V	73V	10A
600C72XX	72V	88V	8A
600C84XX	84V	103V	8A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE, CP65& ECE R10

## 720C Model



Electrical:  
 AC Input Voltage: 120VAC/220~240VAC; 50/60Hz  
 AC Input Max Current: 8.5A; Housing Protection: IP65  
 Mechanical: Dimensions: 269\*156\* 79.5mm; Weight:  
 2.8kg (6.2lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
720C12XX	12V	16V	30A
720C24XX	24V	33V	30A
720C36XX	36V	49V	20A
720C48XX	48V	66V	15A
720C60XX	60V	84V	12A
720C72XX	72V	100V	10A

Compliance with UL, CB, CE, FCC, KC, RCM, PSE, CEC, DOE& CP65

## 840C Model



Electrical:  
 AC Input Voltage: 120VAC/220~240VAC; 50/60Hz;  
 AC Input Max Current: 8.5A;  
 Mechanical:  
 Dimensions: 195\*142\*62mm Weight: 2.6kg(5.72lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
840C48XX	48V	60V	15A
840C60XX	60V	73V	12A
840C72XX	72V	88V	12A
840C84XX	84V	103V	10A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE, CP65& ECE R10

# IP65 Seal Battery Charger

## 1200C Model



Electrical:  
 AC Input Voltage: 120VAC/220-240VAC; 50-60Hz;  
 AC Input Max Current: 12A;  
 Mechanical: Dimensions: 226\*160\*83mm  
 Weight: 4kg (8.8lb);

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
1200C24XX	24V	34V	25A
1200C48XX	48V	60V	25A
1200C72XX	72V	73V	18A
1200C84XX	84V	103V	15A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE, CP65& ECE R10

## 1500C Model



Electrical:  
 AC Input Voltage: 120VAC/220~240VAC;50 60H ;  
 AC Input Max Current: 15A;  
 Mechanical:  
 Dimensions: 237\*175\*87mm;  
 Weight: 5.5kg (12.1lb))

Model	Rated Battery Voltage	Max Output Voltage	Max Output Current
1500C24XX	24V	34V	30A
1500C48XX	48V	60V	30A
1500C60XX	60V	73V	25A
1500C72XX	72V	88V	20A
1500C84XX	84V	103V	15A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE,CP65& ECE R10

## 1800C Model



Electrical:  
 AC Input Voltage: 120VAC/220-240VAC; AC Input  
 Max Current: 15.5A;  
 Mechanical: Dimensions: 248\*135\*80mm; Weight:  
 5.7kg (12.54lb);

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
1800C24XX	24V	33V	30A
1800C36XX	36V	44V	30A
1800C48XX	48V	60V	30A
1800C60XX	60V	73V	35A
1800C72XX	72V	88V	25A
1800C84XX	84V	103V	20A

Compliance with UL, CB, CE, FCC, KC, RCM, PSE, CEC, DOE& CP65

## 6000C Model



Electrical:  
 Phase: Three-phase three-wire + PE line  
 AC Input Voltage Range: Line-to-line voltage  
 260-530VAC; 50/60Hz;  
 AC Input Max Phase Current: 12A;  
 Housing Protection: IP65;

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
6000C48XX	48V	60V	100A
6000C60XX	60V	73V	100A
6000C72XX	72V	88V	90A
6000C84XX	84V	100V	75A

Compliance with UL, CB, CE, FCC, KC, RCM, CEC, DOE, CP65& ECE R10

# IP20 High Power Battery Charger



# IP20 Battery Charger

## BS3600F Model

Electrical:  
 Rated AC Input Voltage Range: 170~240VAC;  
 50/60Hz  
 AC Input Max Current: 16A@220VAC  
 Mechanical:  
 Dimensions: 400\*222\*161 mm Weight: 9kg  
 (19.84lb)



Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
3600F24100	24V	32V	100A
3600F4860	48V	60V	60A



## BS6KWA Model

Electrical:  
 Rated AC Input Voltage Range: 380~480VAC  
 3P; 50/60Hz  
 AC Input Max Current: 12A  
 Mechanical:  
 Dimensions: 522\*280\*480 mm Weight: 19kg  
 (41.89lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
6KWA24200	24V	32V	200A
6KWA48100	48V	60V	100A

## BS9KWA Model

Electrical:  
 Rated AC Input Voltage Range:  
 380~480VAC 3P; 50/60Hz  
 AC Input Max Current: 20A  
 Mechanical:  
 Dimensions: 522\*280\*480 mm Weight:  
 19kg (41.89lb)



Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
9KWA48150	48V	60V	150A
9KWA60150	60V	80V	150A
9KWA80100	80V	110V	100A



## BS10KWA Model

Electrical:  
 Rated AC Input Voltage Range:  
 380~480VAC 3P; 50/60Hz  
 AC Input Max Current: 25A  
 Mechanical:  
 Dimensions: 522\*280\*480 mm Weight:  
 25kg (55.12lb)

Models	Rated Battery Voltage	Max Output Voltage	Max Output Current
10KWA48200	48V	60V	200A
10KWA60180	60V	80V	180A
10KWA84120	84V	110V	120A

# Weihai BSL Power Co., Ltd

Better Industrial Power Solutions



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