

### FEATURES

- Switch mode high frequency
- Energy efficient
- 720 watt power dense space saving design
- Smart charge control
- 7 selectable charge profiles for a variety of battery types
- Diagnostic feedback on battery condition and charge status
- Advanced charge algorithms for increased capacity and extended battery life

### FEATURES



BC Model Shown

## HIGH FREQUENCY BATTERY CHARGERS

### Built in Applications

#### Space Saving

- B series is the smallest and lightest charger in industry
- Unlimited mounting options

#### Battery Flexibility

- Capable of charging wet, gel & AGM lead acid
- NiMH
- Lithium Ion
- Custom algorithms available

#### MAC Technology

- Designed and built in US using advanced components and MFG technology

#### Extensive Options

- Vehicle interlock
- Remote current and voltage sense
- Temperature comp
- Remote LED dashboard
- Communication port
- Single, Dual and Auto sensing DC output

### Technical Details

MODELS	DC Volts	DC Amps
HPA12S30Bx	12	30
HPA24S30Bx	24	30
HPA36S20Bx	36	20
HPA48S15Bx	48	15

x-specify enclosure see dimensions section below  
 Example HPA24S20BF in the BF enclosure

#### AC Input

108-130 Volts  
 50-60Hz  
 1 Phase

#### Protection

Reverse Polarity  
 Short Circuit  
 AC Input Fuse  
 DC Fuse

#### Notes

UL/cUL recognized

Standard DC leads are 10AWG red black, 72 in (183cm) with 5/16" (9mm) ring terminals

BC Model: 10AWG cable; 32 in (82cm) red pos, 46 in (117cm) black neg with 5/16 in (9mm) ring terminals

Optional DC connectors available

6' AC detachable AC cordset included

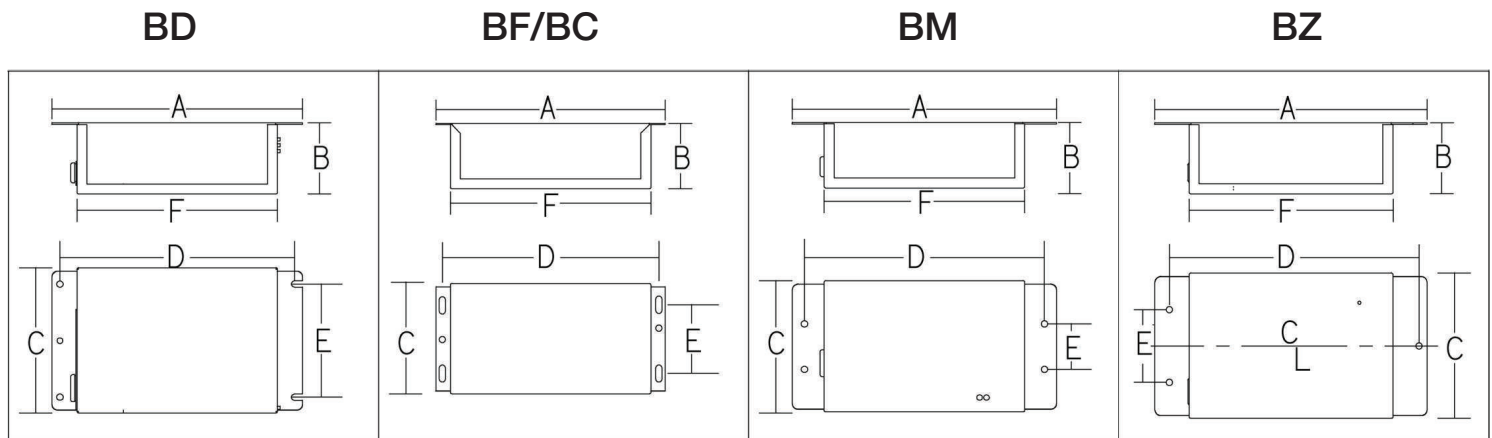
5.5 LBS

#### Options

- 8 Amp interlock
- Custom charge algorithms for various battery types
- Custom communication options



### Dimensions



	INCH	MM
A	10.9	277
B	3.0	77
C	6.3	160
D	10.2	259
E	4.9	124
F	8.7	221

	INCH	MM
A	10.0	253
B	2.8	72
C	4.8	122
D	9.4	239
E	3.0	76
F	8.7	221

	INCH	MM
A	11.5	292
B	2.8	72
C	5.7	144
D	10.4	265
E	2.0	50
F	8.7	221

	INCH	MM
A	11.8	300
B	3.1	78
C	6.3	160
D	10.8	275
E	3.2	80
F	8.7	221