

Absolute. Power.



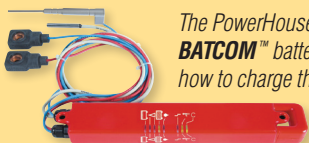
PowerHouse IHF Chargers: Power Factor: .99 Efficiency: 92-93%

The percentages are in our favor...making PowerHouse IHF Chargers an unsurpassed world leader in energy efficient battery chargers across the entire charge cycle. **And it is a Power House.**

Ideal for charging both flooded and maintenance free batteries; the PowerHouse IHF Charger combines microprocessor control with High Frequency IGBT technology into the ultimate low maintenance package. They are UL listed, and they provide ripple-free current which improves the energy transfer.

Chargers are available in 24- to 80-Volts DC. Easy to use. A brilliant traffic light display tells you exactly the status of the charge.

PowerHouse IHF Chargers. Absolutely the highest technology, the highest quality you'll find in the charging world today.



The PowerHouse IHF charger communicates directly with the **BATCOM™** battery controllers and tells the charger exactly how to charge the battery. Plus, it provides detailed fleet management information including how the battery was used.



The Power in PowerHouse IHF

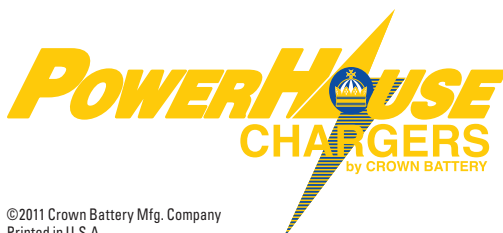
No Maintenance. High Performance.

- Multiple pre-programmed charging curves are included with a USB port using Windows™ based software for easy operation, maintenance and statistics.
- Reduced volume and weight by a factor of 5 compared to ferro chargers.
- Supplied with an optional BATCOM™ wireless controller that can provide information to the corresponding charger such as over-temperature, low electrolyte and battery state-of-charge.
- True industrial quality – designed for 15 years or 30 000 operating hours.
- Bright blue LED indicator on front panel for low electrolyte level alarm.
- Large “traffic lighting” charge status light.
- Optional remote control switch off. Optional automatic battery watering.
- Designed for networking and internet-based remote site management.
- UL, cUL and CSA approved.



IHF Charger Specifications

Crown Model Number	VAC	AC Phase	AC Amps	DC Volts	Battery Capacity (Ah)	Charging Current (A)	Cabinet Type	Weight
CR12HF1-120	208 - 277	1	18	24	800	120	A	50
CR12HF3-150	480	3	6	24	1000	150	A	53
CR12HF3-240	480	3	9	24	1500 or Opportunity	240	A	60
CR12HF3-300	480	3	11	24	Opportunity	300	B	98
CR12HF3-150C	600	3	5	24	1000	150	B	120
CR12HF3-300C	600	3	9	24	2000	300	C	300
2-CR12HF3-150	480	3	12	24	2 x 1000	150	B	100
2-CR12HF3-300	480	3	22	24	2 x Opportunity	300	C	350
4-CR12HF3-150	480	3	24	24	4 x 1000	150	C	350
CR18HF1-80	208 - 277	1	18	36	530	80	A	50
CR18HF1-160	208 - 277	1	36	36	1050	160	B	96
CR18HF3-150	480	3	9	36	1000	150	A	53
CR18HF3-240	480	3	13	36	1500 or Opportunity	240	A	60
CR18HF3-300	480	3	17	36	Opportunity	300	B	98
CR18HF3-450	480	3	26	36	Rapid Opportunity	450	C	300
CR18HF3-600	480	3	34	36	Rapid Opportunity	600	C	350
CR18HF3-750	480	3	43	36	Rapid Opportunity	750	D	450
CR18HF3-150C	600	3	8	36	1000	150	B	120
CR18HF3-300C	600	3	14	36	Opportunity	300	C	145
CR18HF3-450C	600	3	21	36	Rapid Opportunity	450	C	350
2-CR18HF3-150	480	3	18	36	2 x 1000	150	B	100
2-CR18HF3-300	480	3	34	36	2 x Opportunity	300	C	350
CR24HF1-60	208 - 277	1	18	48	400	60	A	50
CR24HF3-120	480	3	9	48	800	120	A	53
CR24HF3-200	480	3	14	48	1350 or Opportunity	200	A	60
CR24HF3-240	480	3	18	48	Opportunity	240	B	98
CR24HF3-360	480	3	27	48	Rapid Opportunity	360	C	300
CR24HF3-480	480	3	37	48	Rapid Opportunity	480	C	350
CR24HF3-600	480	3	46	48	Rapid Opportunity	600	D	450
CR24HF3-120C	600	3	8	48	800	120	B	120
CR24HF3-240C	600	3	15	48	Opportunity	240	B	145
2-CR24HF3-240	480	3	36	48	2 x Opportunity	240	C	350
CR40HF1-35	208 - 277	1	18	80	235	35	A	50
CR40HF3-80	480	3	10	80	535	80	A	53
CR40HF3-120	480	3	15	80	800	120	A	60
CR40HF3-160	480	3	20	80	1050	160	B	98
CR40HF3-240	480	3	31	80	Opportunity	240	C	300
CR40HF3-320	480	3	41	80	Rapid Opportunity	320	C	350
CR40HF3-400	480	3	51	80	Rapid Opportunity	400	D	450
CR40HF3-480	480	3	61	80	Rapid Opportunity	480	D	500



1445 Majestic Drive • P.O. Box 990
 Fremont, OH 43420-0990 USA
 419-334-7181 • Fax 419-334-7124
 www.crownbattery.com
 sales@crownbattery.com

Cabinet Type	Size (inch) (HxWxD)
A	17x20x10
B	37x21x11
C	59x24x24
D	59x31x24

How to Select the Right PowerHouse:

PowerHouse IHF

- State-of-the-art technology
- Highest efficiency available, lowest operating cost charger available on the market today
- Available for conventional charge, opportunity charge and rapid opportunity charge applications using any type of battery
- Compatible with Batcom Basic and Batcom Plus battery data communication devices – direct communication with the IHF charger

PowerHouse SCR

- Flexible, cost effective charging
- True multi-voltage capabilities
- Excellent for all types of batteries
- Proven SCR technology

PowerHouse Ferro 100

- Durable, proven ferroresonant technology
- High reliability with low up-front cost
- Simple to use
- No routine maintenance requirements

