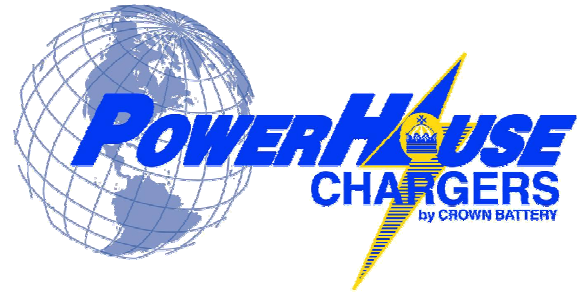


# PowerHouse IHF Motive Power charger

The PowerHouse IHF motive Power charger from Crown battery is suitable for flooded and maintenance free battery. With a power factor close to 99% and an efficiency of about 92% the PowerHouse IHF Charger is a market leader in energy efficiency. The PowerHouse IHF charger combine microprocessor control with well established High Frequency IGBT technology to provide you with the highest quality Traction Chargers on the market today. These units are UL listed and capable of providing a ripple free charging current that improves the energy transfer from the charger to the battery. This prevents battery overheating during charging thus ensuring a longer battery life. They can be provided for nominal charging voltages from 24 VDC to 80 VDC. Equipped with a colored display showing the battery charging status, the PowerHouse IHF charger provides easy to use features and state of the art operational



## Key Features

- Microprocessor Controls , 14 pre programmed charging curves including a USB communication port using windows™ based service software for easy operation maintenance and statistics.
- The service software compiles statistics data in separate hard drive such as Charges cycles , forced switch over, excess charging , I/U errors and low level electrolyte.
- Reduced volume and weight by a factor of 5.
- Provided with an optional BATCOM radio communication transmitter when installed on the battery, provides remote signals to the corresponding charger such as over-temperature, low electrolyte and battery capacity.
- Designed for 15 years or 30 000 operating hours.
- Blue led indicator on front panel for low electrolyte level alarm.
- Large colored charge status light.
- Optional Pilot contact controlled switch off.
- Relay control for electrolyte circulation / automatic water topping.
- Communication with PDA available.

## Standards

- NEMA Compliant
- UL 1564 (pending)
- ANSI C84.1
- CSA 107.2
- BCIS—18

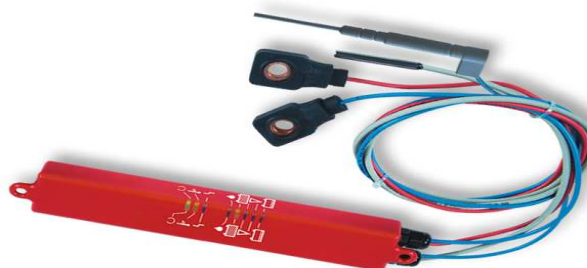


## Standard Models

VAC in	AC phase	Battery voltage (V)	Battery capacity (Ah)	Charging current (A)	Cabinet type	Crown Model Number
208 - 277	1	24	750	120	A	CR12HF1-120
480	3	24	965	150	A	CR12HF3-150
480	3	24	1800	300	B	CR12HF3-300
208 - 277	1	36	510	80	A	CR18HF1-80
480	3	36	965	150	A	CR18HF3-150
480	3	36	1980	300	B	CR18HF3-300
480	3	36	Rapid charging	450	C	CR18HF3-450
480	3	36	Rapid charging	600	C	CR18HF3-600
480	3	36	Rapid Charging	750	D	CR18HF3-750
208 - 277	1	48	360	60	A	CR24HF1-60
480	3	48	750	120	A	CR24HF3-120
480	3	48	1440	240	B	CR24HF3-240
480	3	48	Rapid Charging	360	C	CR24HF3-360
480	3	48	Rapid Charging	480	C	CR24HF3-480
480	3	48	Rapid Charging	600	D	CR24HF3-600
208 - 277	1	80	210	35	A	CR40HF1-35
480	3	80	480	80	A	CR40HF3-80
480	3	80	600	160	B	CR40HF3-160
480	3	80	Rapid Charging	240	C	CR40HF3-240
480	3	80	Rapid Charging	320	C	CR40HF3-320
480	3	80	Rapid Charging	400	D	CR40HF3-400
480	3	80	Rapid Charging	480	D	CR40HF3-480

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

IHF Display



Batcom Radio transmitter

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