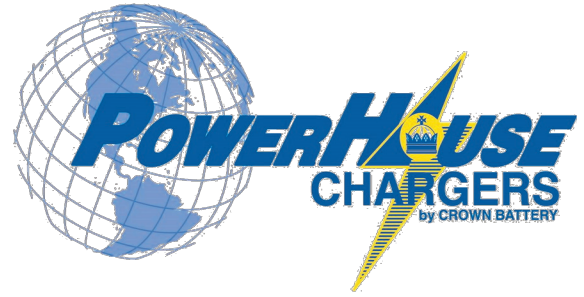


PowerHouse IHF Motive Power Charger



The PowerHouse IHF motive Power charger from Crown Battery is suitable for flooded and maintenance free batteries. With full-cycle efficiency greater than 92% combined with a high power factor, the IHF charger is a market leader. 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 and CSA 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 , 8 pre-programmed, fully customizable charging curves; includes 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 size and weight compared to standard ferro and SCR chargers.
- Optional Battcom Plus battery data recorder will communicate wirelessly via RF to the charger, allowing the battery to determine size, voltage and charging profile.
- Rugged industrial designed for 15 years or 30,000 operating hours.
- Blue led indicator on front panel for low electrolyte level alarm when using Battcom.
- Large colored charge status light—easy to understand “traffic light” indication.
- Optional anti-arcing controlled shutdown via pilot contacts available.
- Relay control for electrolyte circulation / automatic water topping.
- Multi-DC Voltage Operation.
- Programmable automatic equalization cycle.
- Network Interface with Touch Screen Control Available
- The highest efficiency 600 VAC three phase charger available today!

Standards

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



Standard Models For the Canadian Market

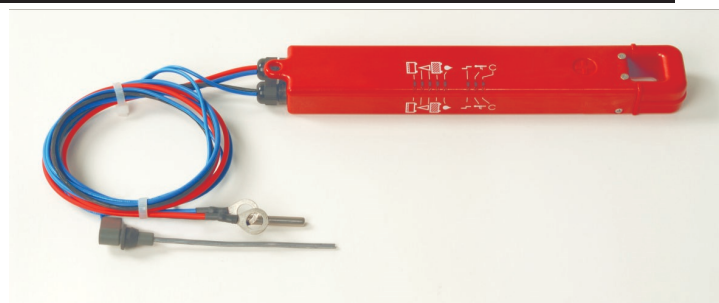
VAC in	AC phase	AC input current (Amp)	Battery voltage (V)	Battery capacity (Ah)	Charging current (A)	Cabinet type	Crown Model Number
208 - 277	1	18	24	750	120	A1	CR12HF1-120
600	3	5	24	965	150	A2	CR12HF3-150-600
600	3	9	24	1800	300	B2	CR12HF3-300-600
208 - 277	1	5	24-36	510	80	A1	CR18HF1-80
600	3	7	24-36	965	150	A2	CR18HF3-150-600
600	3	14	24-36	1980	300	B2	CR18HF3-300-600
600	3	21	24-36	Rapid charging	450	C2	CR18HF3-450-600
600	3	27	24-36	Rapid charging	600	C2	CR18HF3-600-600
600	3	34	24-36	Rapid Charging	750	D2	CR18HF3-750-600
208 - 277	1	18	24-48	360	60	A1	CR24HF1-60
600	3	7	24-48	750	120	A2	CR24HF3-120-600
600	3	14	24-48	1440	240	B2	CR24HF3-240-600
600	3	22	24-48	Rapid Charging	360	C2	CR24HF3-360-600
600	3	30	24-48	Rapid Charging	480	C2	CR24HF3-480-600
600	3	37	24-48	Rapid Charging	600	D2	CR24HF3-600-600
208 - 277	1	18	48-80	210	35	A1	CR40HF1-35
600	3	8	48-80	480	80	A2	CR40HF3-80-600
600	3	16	48-80	600	160	B2	CR40HF3-160-600
600	3	25	48-80	Rapid Charging	240	C2	CR40HF3-240-600
600	3	33	48-80	Rapid Charging	320	C2	CR40HF3-320-600
600	3	41	48-80	Rapid Charging	400	D2	CR40HF3-400-600
600	3	49	48-80	Rapid Charging	480	D2	CR40HF3-480-600

Cabinet type	Size (inch) (HxWxD)
A1	22 x 22 x 12
A2	22 x 26 x 12
B2	37 x 26 x 12
C2	59x24x24 (approx.)
D2	59x31x24 (approx)

Standard Display



Bright Blue Low Electrolyte Level Indicator



Batcom Plus Battery Date Recorder

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