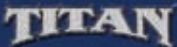




### High Frequency Charger

The EHF SERIES provide a multi-curve range for standard flooded, low maintenance flooded and maintenance free valve regulated batteries.

The importance of matching battery and charger cannot be underestimated, so when the world's leading manufacturer of motive power batteries dedicates years of research and development to this cause, you can be assured of the optimum in compatibility.



# EXIDE Technologies® EHF SERIES High Frequency Industrial Charger

## Features:

### **Cost Savings**

Greater efficiency of power conversion compared to Ferro resonant and SCR technologies results in reduced power consumption and reduced energy costs.

Reduced maximum input currents allow for reduced circuit breaker, cabling, and distribution equipment sizes.

### **Light and Compact**

Advanced patented monocoque heat sink arrangement facilitates efficient cooling enabling reduced size and weight. Handling and installation costs are therefore lower.

### **Multi-Profile**

With the EHF Series you can recharge a wide range of battery capacities of different technologies, flooded or valve regulated.

### **Efficiency Optimization**

The charger ensures that the charging current and voltage remain constant during any mains fluctuations, guaranteeing a constant and optimized charge.

End of charge is detected by the change in voltage over the change in time measure (dV/dt) to avoid risk of under charge or over charge

### **Multi Language**

High Resolution LCD Display provides detailed information on the screen in seven selectable languages, including Danish, Dutch, English, French, German, Spanish, and Swedish.

### **Cycle History**

Data archive available from front panel detailing recharge information from last 250 cycles, including charts from last 15 recharges viewable on the LCD Display.

### **Rugged Case**

Sturdy steel cabinet with powder coat finish. Designed for rack and wall mounting.

### **Technology**

Utilizes space saving Planar Transformer design with ferrite core. Zero Volt Switching (ZVS) technology coupled with the latest MOSFET technology results in very high efficiency.

# EHF SERIES Model and Performance Matrix

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 240V (-14% / +6%)	Weight lbs (+/- 10%)
EHF24S40	24	40	260	1	5.6	51
EHF24S70	24	70	475	1	9.9	51
EHF24S90	24	90	600	1	12.7	51
EHF24S100	24	100	750 - 1000*	1	14.1	51

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 480V (+/- 10%)	Weight lbs (+/- 10%)
EHF24T40	24	40	260	3	1.8	55
EHF24T70	24	70	475	3	3.1	55
EHF24T90	24	90	600	3	4.0	55
EHF24T110	24	110	750	3	4.9	55
EHF24T130	24	130	865	3	5.8	55
EHF24T150	24	150	965 - 1500*	3	6.6	55

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 480V (+/- 10%)	Weight lbs (+/- 10%)
EHF36T40	36	40	260	3	2.7	55
EHF36T70	36	70	475	3	4.6	55
EHF36T90	36	90	600	3	6.0	55
EHF36T110	36	110	750	3	7.3	55
EHF36T130	36	130	865	3	8.6	55
EHF36T150	36	150	965 - 1500*	3	10.0	55

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 480V (+/- 10%)	Weight lbs (+/- 10%)
EHF48T40	48	40	260	3	3.5	55
EHF48T70	48	70	475	3	6.2	55
EHF48T90	48	90	600	3	8.0	55
EHF48T110	48	110	750	3	9.7	55
EHF48T130	48	130	865	3	11.5	55
EHF48T150**	48	150	965 - 1500*	3	13.3	60

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 480V (+/- 10%)	Weight lbs (+/- 10%)
EHF72T40**	72	40	260	3	5.3	60
EHF72T70**	72	70	475	3	9.3	60
EHF72T90**	72	90	600	3	11.9	60
EHF72T100**	72	100	750 - 1000*	3	13.3	60

Model Number	DC Volts	DC Amps	Capacity Range, C6 rated AH	Phase	Input current @ 480V (+/- 10%)	Weight lbs (+/- 10%)
EHF80T40**	80	40	260	3	5.9	60
EHF80T70**	80	70	475	3	10.3	60
EHF80T90**	80	90	600	3	13.3	60
EHF80T100**	80	100	750 - 1000*	3	14.8	60

\* Recharge times may be longer than 8 hours

\*\* Models are pending UL

Charge Curve/Profile: B = GNB® Classic/Titan®, D = Dry Fit, E = Element®, L = Liberator®, T = TubularHP®

## Case Dimensions

Width	Depth	Height
16.26"	13.50"	20.25"

Note: Design and/or specifications are subject to change without notice. If questions arise, contact your local sales representative for clarification.

## Exide Technologies Industrial Energy

USA - Tel: 877.462.4636

Canada - Tel: 800.268.2698

www.exide.com

GB4141 2010-04



www.exide.com