

BATTERY CHARGERS



CURTIS

HF-7 BATTERY CHARGER



FEATURES

- High-frequency system with advanced technology.
- Microprocessor controlled charging process.
- Single phase mains supply 190–240VAC. 50–60Hz.
- Liquid Crystal Display shows the charge profile in real time.
- LEDs indicate battery connected, final, end of charge and fault.
- Set-up buttons on control panel.
- USB connector on control panel.
- Operating Temperature -10° $+40^{\circ}$ C.
- Data memory of last 50 charge cycles.
- 8 pre-programmed charge curves. Selected via PC with HFView software.
- 5 second Soft-Start mode.
- Minimum start voltage = 2 volts per cell.
- IP20 protection with forced ventilation.

DESCRIPTION

The Curtis HF-7 charger is a high-frequency model featuring the latest Active Power Factor Correction technology, PFC = 0.99. Wall or bracket mountable with 12V, 24V, 36V, 48V, 72V, 80V models available. USB communication port available for use with HFView software.

APPLICATION

The Curtis HF-7 is compact and robust, and is suitable for use with medium and large electric vehicles.

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HF-7 BATTERY CHARGER

SPECIFICATIONS

Model		Case			Battery Capacity	
V	A	L	H	W	6.5-8 hr	10-12 hr
12	50	330	520	180	250 ~ 300	400 ~ 500
12	60	330	520	180	300 ~ 360	480 ~ 600
12	70	330	520	180	350 ~ 420	560 ~ 700
24	50	334	52	180	250 ~ 300	400 ~ 500
24	60	334	52	180	300 ~ 360	480 ~ 600
24	70	334	52	180	350 ~ 420	560 ~ 700
24	80	334	52	180	400 ~ 480	660 ~ 800
24	90	334	52	180	450 ~ 540	720 ~ 900
24	100	334	52	180	500 ~ 600	800 ~ 1000
24	120	334	52	180	600 ~ 720	950 ~ 1150
36	30	334	52	180	150 ~ 180	240 ~ 300
36	40	334	52	180	200 ~ 240	230 ~ 400
36	50	334	52	180	250 ~ 300	400 ~ 500
36	60	334	52	180	300 ~ 360	480 ~ 600
36	70	334	52	180	350 ~ 420	560 ~ 700
36	80	334	52	180	400 ~ 480	660 ~ 800
36	90	334	52	180	450 ~ 540	720 ~ 900
48	30	334	52	180	150 ~ 180	240 ~ 300
48	40	334	52	180	200 ~ 240	230 ~ 400
48	50	334	52	180	250 ~ 300	400 ~ 500
48	60	334	52	180	300 ~ 360	480 ~ 600
48	75	334	52	180	375 ~ 450	600 ~ 750
72	30	334	52	180	150 ~ 180	240 ~ 300
72	40	334	52	180	200 ~ 240	230 ~ 400
72	50	334	52	180	250 ~ 300	400 ~ 500
80	20	334	52	180	100 ~ 120	160 ~ 200
80	30	334	52	180	150 ~ 180	240 ~ 300
80	40	334	52	180	200 ~ 240	230 ~ 400

WARRANTY Three year limited warranty from time of delivery.

