

BATTERY CHARGERS



CURTIS

HF-8 BATTERY CHARGER



DESCRIPTION

The Curtis HF-8 charger is a high-frequency model featuring the latest Active Power Factor Correction technology, PFC = 0.99. Floor Standing, wall or bracket mountable 24V, 36V, 48V, 72V, 80V and 96V models available. USB communication port available for use with HFView software.

APPLICATION

The Curtis HF-8 is compact and robust, and is suitable for use with medium and large electric vehicles.

FEATURES

- High-frequency system with advanced technology.
- Microprocessor controlled charging process.
- Three phase mains supply – 400VAC. 50–60Hz. 480VAC input available.
- 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.

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HF-8 BATTERY CHARGER

SPECIFICATIONS

Model		Case			Battery Capacity	
V	A	L	H	W	6.5-8 hr	10-12 hr
24	50	400	430	300	250 ~ 300	400 ~ 500
24	60	400	430	300	300 ~ 360	480 ~ 600
24	70	400	430	300	350 ~ 420	560 ~ 700
24	80	400	430	300	400 ~ 480	660 ~ 800
24	100	400	430	300	500 ~ 600	800 ~ 1000
24	120	400	430	300	600 ~ 720	950 ~ 1150
24	140	600	800	400	700 ~ 840	1120 ~ 1400
24	160	600	800	400	800 ~ 960	1280 ~ 1600
24	180	600	800	400	900 ~ 1080	1440 ~ 1800
24	200	600	800	400	1000 ~ 1200	1600 ~ 2000
24	220	600	800	400	1100 ~ 1320	1760 ~ 2200
24	240	600	800	400	1200 ~ 1440	1920 ~ 2400
36	50	400	430	300	250 ~ 300	400 ~ 500
36	60	400	430	300	300 ~ 360	480 ~ 600
36	70	400	430	300	350 ~ 420	560 ~ 700
36	80	400	430	300	400 ~ 480	660 ~ 800
36	100	400	430	300	500 ~ 600	800 ~ 1000
36	120	400	430	300	600 ~ 720	950 ~ 1150
36	140	400	430	400	700 ~ 840	1120 ~ 1400
36	160	600	800	400	800 ~ 960	1280 ~ 1600
36	180	600	800	400	900 ~ 1080	1440 ~ 1800
36	200	600	800	400	1000 ~ 1200	1600 ~ 2000
36	220	600	800	400	1100 ~ 1320	1760 ~ 2200
36	240	600	800	400	1200 ~ 1440	1920 ~ 2400
48	50	400	430	300	250 ~ 300	400 ~ 500
48	60	400	430	300	300 ~ 360	480 ~ 600
48	70	400	430	300	350 ~ 420	560 ~ 700
48	80	400	430	300	400 ~ 480	660 ~ 800
48	100	400	430	300	500 ~ 600	800 ~ 1000
48	120	400	430	300	600 ~ 720	950 ~ 1150
48	140	400	430	400	700 ~ 840	1120 ~ 1400
48	160	600	800	400	800 ~ 960	1280 ~ 1600
48	180	600	800	400	900 ~ 1080	1440 ~ 1800
48	200	600	800	400	1000 ~ 1200	1600 ~ 2000
48	220	600	800	400	1100 ~ 1320	1760 ~ 2200
48	240	600	800	400	1200 ~ 1440	1920 ~ 2400

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SPECIFICATIONS CON'T

Model		Case			Battery Capacity	
V	A	L	H	W	6.5-8 hr	10-12 hr
72	40	400	430	300	200 ~ 240	230 ~ 400
72	50	400	430	300	250 ~ 300	400 ~ 500
72	60	400	430	300	300 ~ 360	480 ~ 600
72	70	400	430	300	350 ~ 420	560 ~ 700
72	80	400	430	300	400 ~ 480	660 ~ 800
72	100	600	800	400	500 ~ 600	800 ~ 1000
72	120	600	800	400	600 ~ 720	950 ~ 1150
72	140	600	800	400	700 ~ 840	1120 ~ 1400
72	160	600	800	400	800 ~ 960	1280 ~ 1600
80	40	400	430	300	200 ~ 240	230 ~ 400
80	50	400	430	300	250 ~ 300	400 ~ 500
80	60	400	430	300	300 ~ 360	480 ~ 600
80	70	400	430	300	350 ~ 420	560 ~ 700
80	80	400	430	300	400 ~ 480	660 ~ 800
80	100	600	800	400	500 ~ 600	800 ~ 1000
80	120	600	800	400	600 ~ 720	950 ~ 1150
80	140	600	800	400	700 ~ 840	1120 ~ 1400
80	160	600	800	400	800 ~ 960	1280 ~ 1600
96	40	400	430	300	200 ~ 240	230 ~ 400
96	50	400	430	300	250 ~ 300	400 ~ 500
96	60	400	430	300	300 ~ 360	480 ~ 600

WARRANTY Three year limited warranty from time of delivery.

