

BATTERY CHARGERS

HF-9 BATTERY CHARGER



CURTIS



DESCRIPTION

The Curtis HF-9 charger is a three phase high-frequency 50Hz battery charger, recharging Lead Acid, Gel or Maintenance Free batteries in as little as 6 hours. A 94% high efficiency rating provides users with high energy cost savings and reduces environmental impact.

APPLICATION

The HF-9 is compact and robust and is suitable for use in a wide range of materials handling applications including medium and large electric vehicles.

FEATURES

- 94% efficiency rating providing high energy savings.
- Micro-processor controlled charging process.
- Three phase mains supply – 400VAC 50–60Hz.
- “Real Time” charging profile shown on LCD displays.
- Easy to use data logging of the last 50 charge cycles makes it simple to analyse data.
- Operating Temperature –10 +40° C.
- 8 pre-programmed charge curves.
- 3 year warranty.
- Models available from 24V to 96V.
- Compact case size (L390mm x H660mm x W320mm).
- SiC Mosfets offering the maximum efficiency and best EMC performance.
- Electronics protected from airflow by cooling tunnel technology.
- IP20 protection.
- CE, UL and TUV approved.
- On-site support service provided by independent, fully trained engineers.

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HF-9 BATTERY CHARGER

SPECIFICATIONS

Model		Case			Battery Capacity	
V	A	Length (mm)	Width (mm)	Height (mm)	7-8 hr	10-12 hr
24V	50A	390	300	670	300-350	425-500
	60A	390	300	670	360-420	510-600
	70A	390	300	670	420-490	595-700
	80A	390	300	670	480-560	680-800
	100A	390	300	670	600-700	850-1000
	120A	390	300	670	720-840	1020-1200
	140A	390	300	670	840-980	1190-1400
	160A	390	300	670	960-1120	1360-1600
	180A	390	300	670	1080-1260	1530-1800
	200A	390	300	670	1200-1400	1700-2000
36V	50A	390	300	670	300-350	425-500
	60A	390	300	670	360-420	510-600
	70A	390	300	670	420-490	595-700
	80A	390	300	670	480-560	680-800
	100A	390	300	670	600-700	850-1000
	120A	390	300	670	720-840	1020-1200
	140A	390	300	670	840-980	1190-1400
	150A	390	300	670	900-1050	1275-1500
	160A	390	300	670	960-1120	1360-1600
	180A	450	360	810	1080-1260	1530-1800
	200A	450	360	810	1200-1400	1700-2000
	220A	450	360	810	1320-1540	1870-2200
	240A	450	360	810	1440-1680	2040-2400
	250A	450	360	810	1500-1750	2125-2500
48V	50A	390	300	670	300-350	425-500
	60A	390	300	670	360-420	510-600
	70A	390	300	670	420-490	595-700
	80A	390	300	670	480-560	680-800
	90A	390	300	670	540-630	765-900
	100A	390	300	670	600-700	850-1000
	110A	390	300	670	660-770	935-1100

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SPECIFICATIONS CONT'D

Model		Case			Battery Capacity	
V	A	Length (mm)	Width (mm)	Height (mm)	7-8 hr	10-12 hr
48V (cont'd)	120A	390	300	670	720-840	1020-1200
	140A	390	300	670	840-980	1190-1400
	150A	390	300	670	900-1050	1275-1500
	160A	450	360	810	960-1120	1360-1600
	180A	450	360	810	1080-1260	1530-1800
	200A	450	360	810	1200-1400	1700-2000
	220A	450	360	810	1320-1540	1870-2200
	240A	450	360	810	1440-1680	2040-2400
	250A	450	360	810	1500-1750	2125-2500
80V	40A	390	300	670	240-280	340-400
	50A	390	300	670	300-350	425-500
	60A	390	300	670	360-420	510-600
	70A	390	300	670	420-490	595-700
	80A	390	300	670	480-560	680-800
	90A	390	300	670	540-630	765-900
	100A	450	360	810	600-700	850-1000
	120A	450	360	810	720-840	1020-1200
	140A	450	360	810	840-980	1190-1400
	160A	450	360	810	960-1120	1360-1600
96V	40A	390	300	670	240-280	340-400
	50A	390	300	670	300-350	425-500
	60A	390	300	670	360-420	510-600
	75A	390	300	670	450-525	640-750
	100A	450	360	810	600-700	850-1000
	130A	450	360	810	780-910	1105-1300

WARRANTY Three year limited warranty from time of delivery.

