



# BATTERY CHARGERS

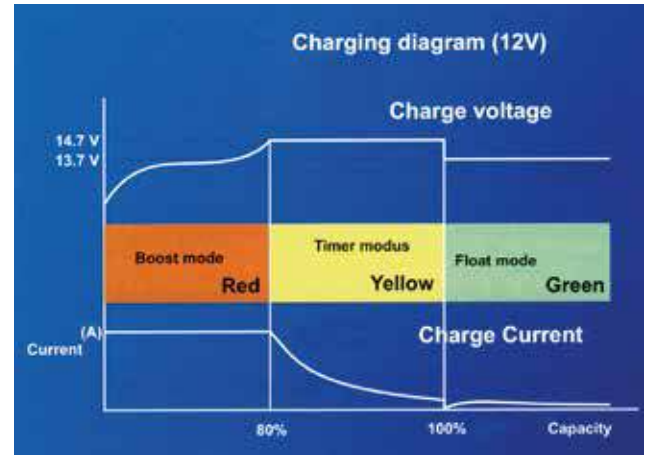
## MASCOT BATTERY CHARGERS



### CHARGERS FOR LEAD ACID BATTERIES (VRLA/AGM)

#### FEATURES

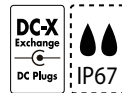
- 3 stage charger with timer
- With LED indication (red-yellow-green)
- Input voltage (90-264VAC)
- Medically examined (EN 60601): on demand
- Waterproof (IP67): on demand



#### BAT/32844 - model 8714 CV

For VRLA batteries of 2.5 – 6Ah

100 x 51 x 63 mm - 450g  
12V - Max 650 mA



#### Model 2240

90 x 45 x 32 mm  
115g

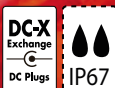
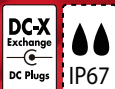
	BAT/36576	BAT/27988	BAT/27990
	<b>6 V</b>	<b>12 V</b>	<b>24 V</b>
Charge Current (orange)	<b>1.3A</b> +5/-7%	<b>1.0A</b> +5/-7%	<b>0.5A</b> +5/-7%
Charge Voltage (orange)	7,35 V	14,7V	29,4 V
Charge Termination  < (green)	250mA ±20%	250mA ±20%	250mA ±20%
Standby voltage:	6,85 V	13,7V	27,4 V
<b>Recommended battery cap. (20h)</b>	<b>4 - 12 Ah</b>	<b>3 - 12 Ah</b>	<b>1,5 - 12 Ah</b>

#### Model 9940: 107 x 67 x 36.5 mm - 250g

Ref.	Version (V)	Input (VAC)	Output		Max output power (W)	Current limit (A)	Rec. batt. capacity 20h (Ah)
			Timer	Float			
BAT/29506	12 V	190-264	14,7 ± 0,2	13,8 ± 0,2	35	2,3A ± 0,3	9 - 60 Ah
BAT/29186	24 V		29,5 ± 0,2	27,6 ± 0,3	40	1,3A ± 0,2	4,5 - 30 Ah
BAT/35421	36 V		44,1 ± 0,2	41,4 ± 0,3	40	0,9A ± 0,1	3 - 20 Ah

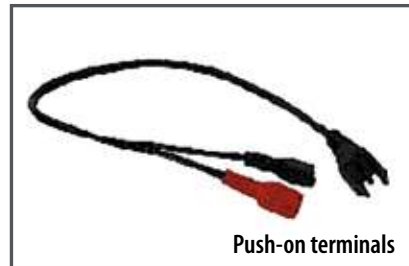
#### Model 9640: 100 x 51 x 63 mm - 250g

Ref.	Version (V)	Max output power (W)	Current limit (A)	Timer (V)	Float (V)	Rec. batt. cap. 20h (Ah)
BAT/36815	6 V	25	2,7	7,35	6,9	11 - 60 Ah
BAT/29508	12 V	40	2,7	14,7	13,8	11 - 60 Ah
BAT/36817	24 V	45	1,5	29,5	27,6	5,5 - 30 Ah





## BATTERY CHARGERS FOR VRLA & AGM BATTERIES



Model 2040: 135 x 80 x 44mm - 350g - battery clips

Ref.	Version (V)	Input (VAC)	Output		Max output power (W)	Current limit (A)	Rec. batt. cap. 20h (Ah)
			Timer	Float			
BAT/35417	12 V	190-264	14,7±0,2	13,8±0,2	60	4A±0,3	15 - 90 Ah
BAT/29510	24 V		29,5±0,2	27,6±0,3		2A±0,2	7 - 45 Ah
BAT/35419	36 V		44,1±0,2	41,4±0,3		1,4A±0,1	5 - 30 Ah



Model 9840: 158 x 171 x 54 mm - 1.27Kg - battery clips

Ref.	Version (V)	Input (VAC)	Output		Max output power (W)	Current limit (A)	Rec. batt. cap. 20h (Ah)
			Timer	Float			
BAT/36580	12 V	190-264	14,7	13,7	74	5A	20 - 120 Ah
BAT/36586	24 V	190-264	29,4	27,4	74	2,5A	10 - 60 Ah



Model 2047: 192 x 109 x 53.5 mm - 980g - battery clips

Ref.	Version (V)	Input (VAC)	Output		Current limit (A)	Rec. batt. cap. 20h (Ah)
			Timer	Float		
BAT/31603	12 V	190-264	14,7	13,7	10A	40 - 400 Ah
BAT/31605	24 V	190-264	29,4	27,4	5A	20 - 200 Ah
BAT/36593	36 V	190-264	44,1	40,8	3,3A	15 - 150 Ah
BAT/36595	48 V	190-264	58,8	54,8	2,5A	10 - 100 Ah



Model 2044: 210 x 148 x 58mm - 1.55Kg - battery clips

Ref.	Version (V)	Input (VAC)	Output		Current limit (A)	Rec. batt. cap. 20h (Ah)
			Timer	Float		
BAT/36583	12 V	198-264	14,7	13,7	20A	100 - 1000 Ah
BAT/47946	12V	198-264	14,7	13,7	25A	125 - 1250 Ah
BAT/36589	24 V	198-264	29,4	27,4	10A	50 - 500 Ah
BAT/47757	36V	198-264	44,1	41,1	6,7A	35 - 350 Ah
BAT/36597	48V	198-264	58,8	54,8	5A	25 - 250 Ah



# BATTERY CHARGERS

## MASCOT BATTERY CHARGERS



### CHARGERS FOR NIMH/NICD BATTERIES



◀ **Model 2116:** 90 x 45 x 32 mm - 125g - exchangeable AC plugs

Ref.	Cells	No-load voltage	Min. out. for -dV detection
<a href="#">BAT/47758</a>	5-10	21V ±1,2V	6,2V (min. 5 c.)
<a href="#">BAT/47759</a>	10-20	41V ±2V	12,5V (min. 10 c.)



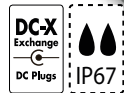
◀ **Model 2216:** 107 x 67 x 36,5 mm - 250g - exchangeable AC plugs

Ref.	Cells	No-load voltage	Min. out. for -dV detection
<a href="#">BAT/47760</a>	4-8	16,5V ±1V	5,0V (min. 4 c.)
<a href="#">BAT/47761</a>	5-10	21V ±1,2V	6,2V (min. 5 c.)
<a href="#">BAT/47762</a>	10-20	41V ±2V	12,5V (min. 10 c.)



◀ **Model 2015:** 100 x 63 x 47 mm - 220g - exchangeable DC plugs

Ref.	Cells	No-load voltage	Min. out. for -dV detection
<a href="#">BAT/45964</a>	6-12	24,7V ±1,5V	7,5V (min. 6 c.)
<a href="#">BAT/38589</a>	10-20	41V ±2V	12,5V (min. 10 c.)



◀ **Model 2415:** 135 x 80 x 55 mm - 350g - exchangeable DC plugs

Ref.	Cells	No-load voltage	Min. out. for -dV detection
<a href="#">BAT/47763</a>	5-10	121V ±1,2V	6,2V (min. 5 c.)
<a href="#">BAT/42078</a>	10-20	41V ±2V	1,5V (min. 10 c.)
<a href="#">BAT/34493</a>	12-25	51V ±2V	15V (min. 12 c.)
<a href="#">BAT/45282</a>	15-30	55V ±3V	19V (min. 15 c.)

### AC/DC DESKTOP POWER SUPPLIES



◀ **Model 2121:** 90 x 45 x 32 mm - 108g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<a href="#">BAT/47764</a>	13,2	0,75	10
<a href="#">BAT/47765</a>	24	0,4	10

◀ **Model 2124:** 90 x 45 x 32 mm - 115g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<a href="#">BAT/47766</a>	13,2	1,2	15
<a href="#">BAT/47767</a>	24	0,65	16



## AC/DC DESKTOP POWER SUPPLIES

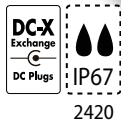


◀ **Model 9921:** 107 x 67 x 36,5 mm - 250g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<b>BAT/47768</b>	13,2	3	40
<b>BAT/47769</b>	24	1,6	40

◀ **Model 2021:** 135 x 80 x 44 mm - 350g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<b>BAT/47770</b>	24	2,5	60



◀ **Model 2924:** 90 x 45 x 32 mm - 115g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<b>BAT/47771</b>	13,2	1,2	15
<b>BAT/47772</b>	24	0,65	16

◀ **Model 2420:** 135 x 80 x 44 mm - 390g - 2-pin IEC 320

Ref.	Output (V)	Max. current (A)	Max. output power (W)
<b>BAT/47773</b>	12	4,5	55
<b>BAT/47774</b>	24	2,5-2,3	70

## CHARGER FOR LEAD- & GEL BATTERIES 2-24VOLT WITH A CAPACITY OF 2-24AH



◀ **BAT/33760**

Automatic setting of the voltage for the batteries which have to be charged. After connecting to the battery, the charger adjusts the settings automatically; the LEDs indicate the battery voltage. Charge control in accordance with the IU charge regulations. Overcharging-security and buffer charging. Short-circuit-proof and polarity reverse protected. Terminals for connecting to the lead battery included. The device is extremely appropriate for the direct and parallel use of lead-lead or lead-gel batteries.