

Service
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Domestic Appliances and Personal Care

Service Manual

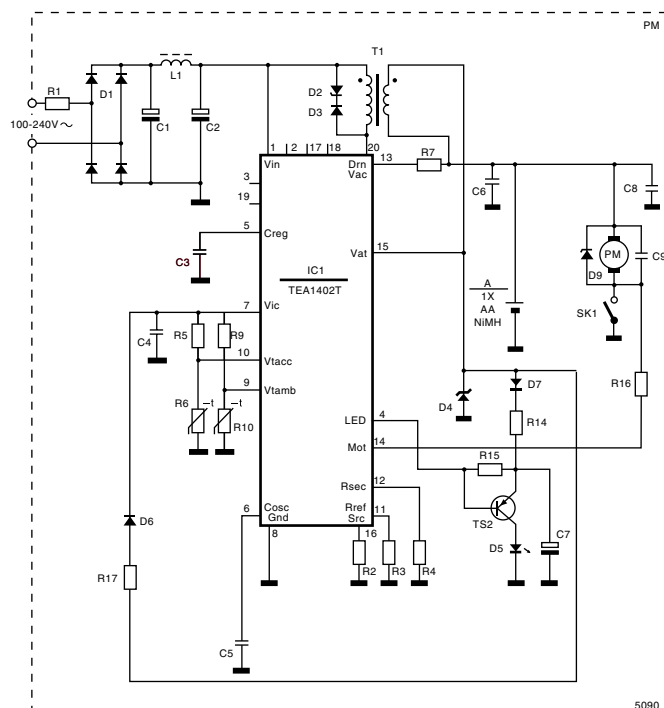
GENERAL

The HQ5806 shaver can be recharged in 1 hour by means of a 'Fly Back Self Oscillating Power supply'. This electronic circuit enables the battery to be charged at 100-240V, 50/60Hz.

It is possible to have a shave directly from the mains. The green LED comes on when the shaver is connected to the mains and will blink to indicate that the battery is fully charged.

The electronic circuit incorporates the following functions and controls:

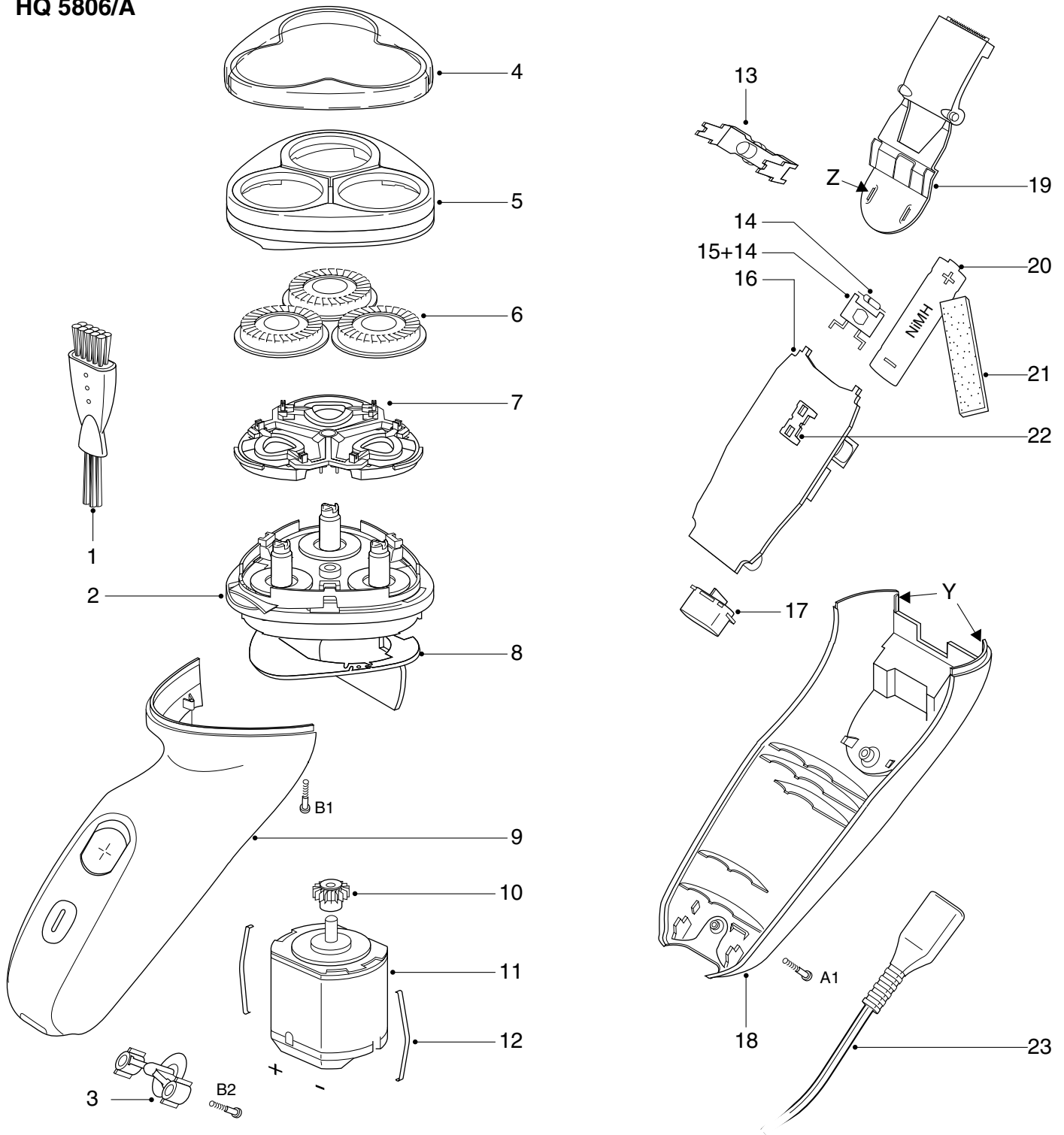
- a 900 mA Quick Charge supply
- a 30 mA Charge supply
- a 1.25V Dynamic supply when shaving from the mains.
- an open cell protection ($V_{bat} < 2.5V$)
- an inrush and surge protection (R1).
- a temperature protection of the battery.
(if $T_{bat} - T_{amb} > 5^{\circ}C$ or if $T_{bat} > 65^{\circ}C$, charging will switch-over from quick charge to trickle charge).



TECHNICAL DATA

Input voltage	: 100-240V ~	Comfort control	: fixed setting
Motor voltage	: 1.2V 		: contour following
Battery	: 1x AA NiMH	Shaving heads	: HQ5 - 4822 690 30481
Cell capacity	: approx. 1100 mAh	Screwdriver T8	: 4822 395 50263
Charging system	: S.O.P.S.		
Charging time	: approx. 60 mins initial 4 hours	SAP Coding	: HQ5806
Charging current	: 900/30 mA		
Charging indicator	: 1x LED green		





1	4822 479 30183	cleaning brush	16	4222 036 00350	power module	4222 036 00310	DFU (1)
2	4822 522 10512	hair chamber complete	17	4822 265 11616	inlet	4222 036 00320	DFU (2)
3	4822 256 92354	holder	18	4222 036 00300	cover	4222 036 00330	DFU (3)
4	4822 462 11185	protecting cap	19	4822 690 10218	trimmer	4222 036 01130	DFU (4)
5	4822 441 12358	head housing	20	4822 138 10584	NiMH battery AA	4222 036 01140	DFU (5)
6	4822 690 30481	HQ5 shaving head	21	4822 466 12236	foam plate	(1)	GB D F N L E P I TR
7	4822 404 40855	retaining bracket	22	4822 276 14108	on/off switch	(2)	GB D N S FIN DK GR
8	4822 466 10937	sealing plate	23	4822 321 10095	flex EU	(3)	J
9	4222 036 00340	housing		4822 321 10096	flex GB	(4)	GB RUS UA HR SLO CZ SK H RO
10	4822 522 33605	pinion		4822 321 10148	flex AUS/NZ	(5)	GB RUS PL EST LV LT
11	4822 361 10959	motor		4822 321 10344	flex USA/CDN		
12	4822 492 71735	motor clamp	A	4822 502 30785	orn.screw 1.8x10/T8		
13	4822 402 11328	holder	B	4822 502 30526	s.t.screw 1.8x10/T8		
14	4822 130 34167	Zener diode		4222 036 00040	pouch		
15	4822 265 11403	motor connector					