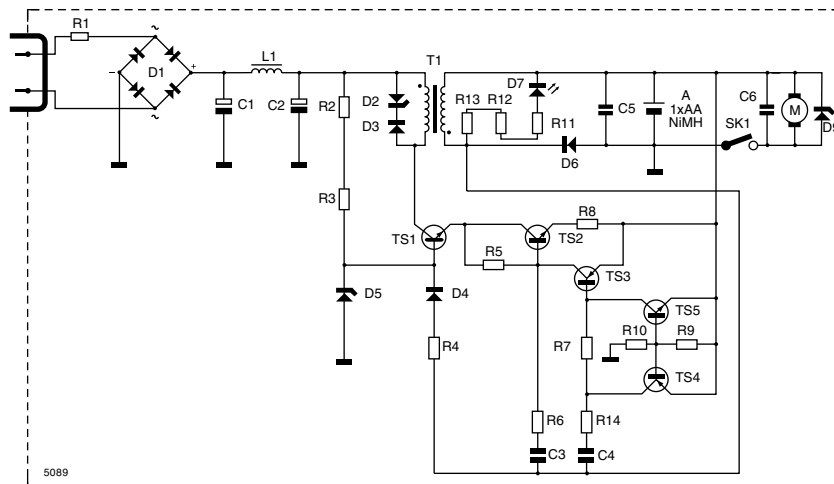




Domestic Appliances and Personal Care

Service Manual



GENERAL

The HQ4806 shaver can be recharged in 16 hours 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 only illuminates when the shaver is connected to the mains.

The electronic circuit incorporates the following functions and controls:

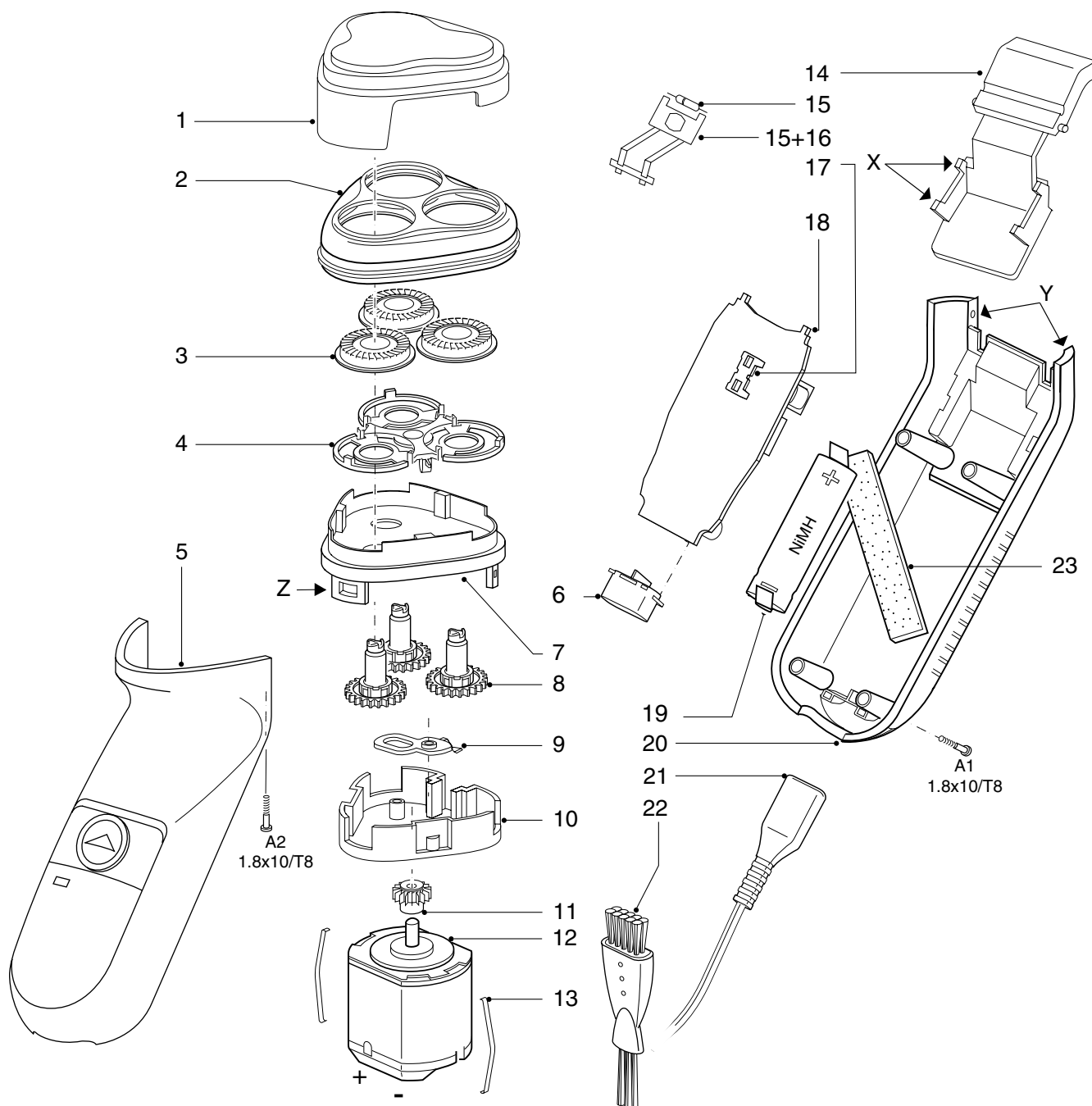
- a 1200 mA Quick Charge supply ($V_{bat} < 1.2V$)
- a 15 mA Slow Charge supply ($V_{bat} > 1.2V$)
- a 1.25V Dynamic supply when shaving from the mains.
- an open cell protection (C5)
- an inrush and surge protection (R1).

TECHNICAL DATA

Input voltage	: 100-240V ~
Motor voltage	: 1.2V $\overline{\sim}$
Battery	: 1x AA NiMH
Cell capacity	: approx. 1100 mAh
Charging system	: S.O.P.S./volt. control
Charging time	: approx. 16 hours initial 24 hours
Charging current	: 1200/15 mA
Charging indicator	: 1x LED green
Comfort control	: fixed setting
Shaving heads	: HQ4 - 4822 690 30468
Screwdriver T8	: 4822 395 50263
SAP Coding	: HQ4806



HQ 4806/A



1	4822 441 11276	Protecting cap	16	4222 036 02390	Motor connector
2	4222 036 01980	Head holder	17	4822 277 21689	On/off switch
3	4822 690 30468	HQ4 shaving head	18	4222 036 02270	Power module
4	4822 404 40728	Retaining bracket	19	4822 138 10584	NiMH cell AA
5	4222 036 02310	Housing	20	4222 036 02330	Cover
6	4222 036 02370	Inlet	21	4822 321 10096	Flex GB
7	4222 036 02920	Hairchamber	-	4822 321 10095	Flex EU
8	4822 522 32852	Gearwheel	-	4822 321 10148	Flex AUS/NZ
9	4822 404 40656	Lever	-	4822 321 10344	Flex USA/CDN
10	4822 441 11275	Frame	22	4822 479 30183	Cleaning brush
11	4822 522 32851	Pinion	23	4822 466 12236	Foam plate
12	4822 361 21752	Motor	A	4822 502 30526	S.t. screw 1.8x10/T8
13	4822 492 63165	Motor clamp		4222 036 02120	Pouch
14	4822 690 10081	Trimmer			
15	4822 130 34167	Zener diode			