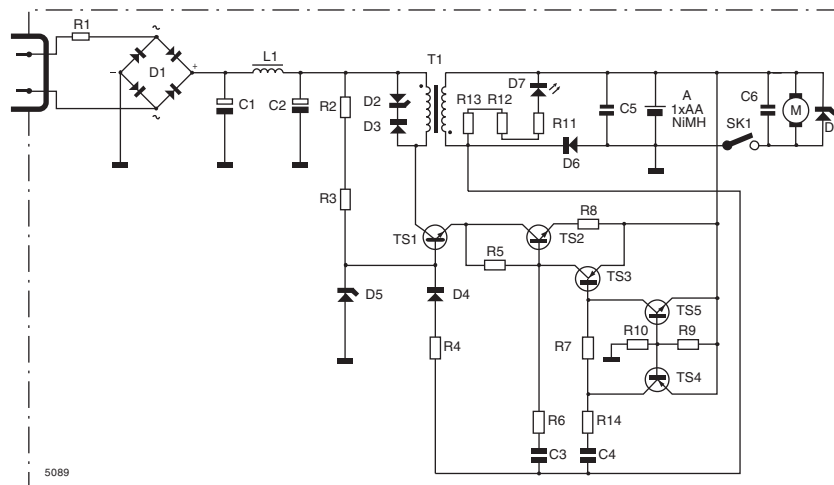




Philips Domestic Appliances and Personal Care

Service Manual

SAP coding HQ 4807



GENERAL

The HQ 4807 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.

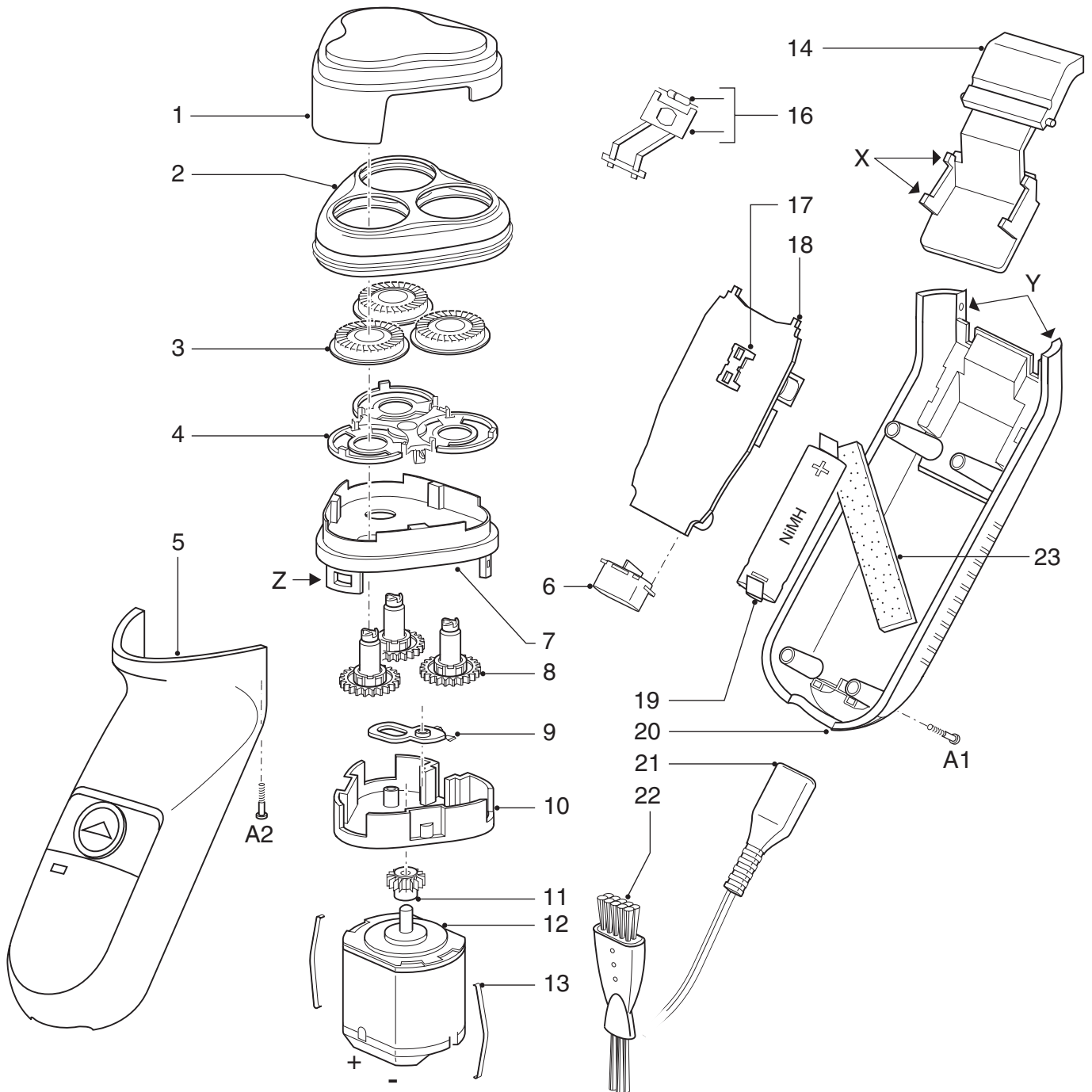
The electronic circuit incorporates the following functions and controls:

- 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
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

HQ 4807



1	4822 441 11276	Protecting cap
2	4222 036 01980	Head holder
3	4822 690 30468	HQ4 shaving head
4	4822 404 40728	Bracket
5	4222 036 06500	Housing assy
6	4822 267 31319	Inlet
7	4222 036 02920	Hairchamber
8	4822 522 32852	Gear assy
9	4822 404 40656	Lever
10	4822 441 11275	Frame
11	4822 522 32851	Pinion
12	4822 361 21752	Motor assy
13	4822 492 63165	Motor clamp
14	4822 690 10081	Trimmer assy
16	4222 036 02390	Connecting strip

17	4822 277 21689	On/off switch
18	4222 036 02270	Power modul
19	4822 138 10334	NiMH cell AA
20	4222 036 06510	Cover
21	4822 321 10096	Flex assy GB
	4822 321 10095	Flex assy EU
	4822 321 10344	Flex assy USA
	4222 036 01590	Flex assy Argentine
22	4822 479 30183	Cleaning brush
23	4822 466 12236	Foam plate
A	4822 502 30526	S.t. screw 1.8 x 10/T8
	4222 036 02120	Pouch