



BA-5390/U vs. BA-5590/U Battery Application Operating Time Comparison

Equipment	Description/System	BA-5590/U Operating Time ^{(1)*} (Hours)	BA-5390/U Operating Time* (Hours) NSN 6135-01-501-0833
AN/GRC-193	RADIO	28	42
AN/GRC-213	RADIO	28	42
AN/GSQ-187	REMBASS	25.4	38.1
AN/PDR-75	RADIAC SET	28	42
AN/PEQ-1	LASER DESIGNATOR	5.8	8.7
AN/PLT-1	ECM	4	6
AN/PPN-19	RADAR SET	24	36
AN/PRC-104A	RADIO	28	42
AN/PRC-104B	RADIO	28	42
AN/PRC-113	RADIO	13	19.5
AN/PRC-119	RADIO	32	48
AN/PSC-3	RADIO	12	18
AN/PSC-5	RADIO	12	18
AN/PSQ-4	PLRS	20	30
AN/PSQ-6	EPLRS	20	30
AN/TAS-4	TOW NIGHT SIGHT	5	7.5
AN/TAS-6A	TOW NIGHT SIGHT	5.2	7.8
AN/UAS-11	NIGHT SIGHT	4	6
AN/TSQ-7	REMBASS	25.4	38.1
AN/URC-100	RADIO	20	30
AN/URN-27	BEACON RADIO	7	10.5
AN/VRC-88	RADIO	96	144
AN/VRC-91	RADIO	96	144
JAVELIN CLU	ANTI-TANK WEAPON	4	6
LST-5	RADIO	17	25.5
M21	CHEMICAL ALARM	14	21
M22	CHEMICAL MONITOR	32	48
MST-20	RADIO	15	22.5
OD-144/GYK-29	COMPUTER	17	25.5
OE-239	REMBASS	288	432
RT-1175/GSQ	REMBASS	552	828
SM-755/GSQ	REMBASS	12.8	19.2
TSEC/HYX-57	COMSEC	62	93
TSEC/KY-57	COMSEC	53	79.5
TSEC/KY-67	COMSEC	18	27
TSEC/KY-99	COMSEC	53	79.5

* Actual results may vary. The BA-5390/U battery typically provides 50% more operating time than the BA-5590/U battery, and in some applications it provides significantly greater than 50% more operating time.

(1) BA-5590/U operating times per CECOM GPM 96-013, as referenced in *Battery Safety Reference Guide* - CECOM Directorate of Safety Risk Management, Ft. Monmouth, NJ 07703 (AMSEL-SF)