

	AP 200	AP 300	AP 300 S	AP 500 S	AR 2000 L	AR 3000 L
AP AND AR BATTERIES						
Battery Charging Times - Minutes (80%/100% capacity)						
AL 101 CHARGER	150/200	190/250	230/300	280/355	–	–
NEW! AL 301 CHARGER	40/50	45/65	55/70	70/90	210/270	310/400
AL 301-4 CHARGER	40/50	45/65	55/70	70/90	210/270	310/400
AL 500 CHARGER	30/45	25/35	30/45	40/55	110/150	170/220
Run Times Per Battery Charge - Minutes¹						
NEW! MSA 160 C	42	50	62	74	196	300
MSA 161 T**	42	50	62	74	196	300
NEW! MSA 200 C	42*	45	50	60	174	261
NEW! MSA 220 C	–	35*	40	44	201*	281*
NEW! MSA 220 TC-O**	16*	25*	29	34	109*	174*
NEW! MSA 300 C-O	–	–	–	20-44	–	–
HTA 66	42	55	68	82	195	300
HTA 86	42	55	68	82	195	300
HTA 135	22*	35	45	54	160	240
KMA 135 R (FS-KM line)²	30-14*	38-18	47-22	54-26	170-81	250-120
FSA 86 R	30	36	45	55	185	280
FSA 90 R (line head)	24	30	37	44	130	196
FSA 135 (line head)²	28-17*	36-19	45-25	120-60	160-90	220-130
FSA 135 R (line head)²	28-17*	36-19	45-25	54-30	160-90	220-130
FCA 135	28*	35	45	52	165	250
FCA 140	28*	35	45	52	165	250
HSA 66	144	180	223	268	717	1043
NEW! HSA 100	125	–	225	270	–	–
NEW! HSA 130 R²	108-84	135-105	167-130	200-155	550-480	900-740
NEW! HSA 130 T²	108-84	135-105	167-130	200-155	550-480	900-740
HLA 66	145	180	220	268	715	1,040
HLA 86	145	180	220	268	715	1,040
HLA 135 (145°)	64	77	95	114	345	520
HLA 135 K (145°)	64	77	95	114	345	520
HLA 135 K (0°)	64	77	95	114	345	520
BGA 86	17	21	26	31	90	140
BGA 100³	66-12*	83-16	103-20	123-24	320-65	510-95
BGA 200³	49-7*	78-12	95-14	114-17	315-53	500-85
NEW! BGA 300³	–	–	–	–	97-48*	140-61
SGA 85	1,000	–	–	–	–	–
TSA 230	14*	18	22	26	80	125
Working Range Per Battery Charge - Sq. Ft.⁴						
RMA 510	–	3,056	3,767	4,542	–	–
RMA 510 V	–	2,583	3,186	3,842	–	–

STIHL battery technologies continue to improve. As a result, battery run times may vary depending on specific version used.

* Reduced tool performance – Not Applicable

Note: Battery/tool combinations providing the best balance, adequate run time and performance are shown in bold.

¹ The battery run time specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut.

² Level 1 – Level 3

³ Level 1 – Boost

⁴ The working range per battery charge specifications for each battery are estimates and may vary depending on how the tool is used and the variety and density of the grass being cut.

****WARNING:** If using an AR System battery or AP System battery in a battery bag with connecting cord, always use a lift bucket for in-tree surgery and maintenance. Do NOT climb in the tree.