

RUNTIMES

Recommended batteries

Battery

CORE300



Trimmers and Brush Cutters (minutes)

	Trimmer Line		Tri-Blade		Saw Blade	
	Light Use	Tough Use	Light Use	Tough Use	Light Use	Tough Use
T16	37	24	81	42	-	-
TB20H	32	19	79	40	49	42
TB20L	32	19	79	40	49	42

All Terrain Mowers (Area mown m²)

	Light Use	Tough Use
ATM53A (with 2 batteries)	2,800	1,540
ATM76S (with 3 batteries)	3,700	1,900

Hedge Trimmers, Long Reach Hedge Trimmers, and Blower (minutes)

	Light Use	Tough Use
HT61	180	130
HT71	170	120
PH22	230	170
PHT32	230	170
BB36 (2 batteries)	35	15

Chainsaw, Pole Saws, and Power Cutters (cuts per charge)

	Light Use	Tough Use
CS36	39	28
CS45	26	19
PST39	68	39
PC300	68	27
PC350	52	19

CORE400



	Trimmer Line		Tri-Blade		Saw Blade	
	Light Use	Tough Use	Light Use	Tough Use	Light Use	Tough Use
	53	34	116	58	-	-
	50	28	106	55	72	54
	50	28	106	55	72	54

Light Use	Tough Use
3,900	2,140
4,600	2,500

Light Use	Tough Use
260	200
250	190
320	250
320	250
45	19

Light Use	Tough Use
52	41
37	28
88	51
88	36
77	28

CORE530



	Trimmer Line		Tri-Blade		Saw Blade	
	Light Use	Tough Use	Light Use	Tough Use	Light Use	Tough Use
	70	49	151	68	-	-
	67	48	137	86	92	74
	67	48	137	86	92	74

Light Use	Tough Use
4,900	2,750
7,750	4,100

Light Use	Tough Use
310	220
300	210
410	340
410	340
62	29

Light Use	Tough Use
71	58
46	37
120	65
113	53
102	39

CHARGING TIMES (MINUTES)



x1 Battery

82C1G (4A)

CORE300 4Ah		CORE400 5.5Ah		CORE530 7.2Ah	
80%	100%	80%	100%	80%	100%
44	75	66	95	84	125



x1 Battery

x2 Batteries

82C2 (8A)

CORE300 4Ah		CORE400 5.5Ah		CORE530 7.2Ah	
80%	100%	80%	100%	80%	100%
27	43	32	52	43	70
44	75	66	95	84	125



x1 Battery

x2 Batteries

x3 Batteries

x4 Batteries

x5 Batteries

x6 Batteries

82C6 (6x 4A)

CORE300 4Ah		CORE400 5.5Ah		CORE530 7.2Ah	
80%	100%	80%	100%	80%	100%
27	43	32	52	43	70
27	43	32	52	43	70
27	43	32	52	43	70
2x 27 / 2x 44	2x 32 / 2x 75	2x 32 / 2x 66	2x 52 / 2x 95	2x 43 / 2x 84	2x 70 / 2x 125
1x 27 / 4x 44	1x 32 / 4x 75	1x 32 / 4x 66	1x 52 / 4x 95	1x 43 / 4x 84	1x 70 / 4x 125
44	75	66	95	84	125



x1 Battery

x2 Batteries

x3 Batteries

x4 Batteries

x5 Batteries

x6 Batteries

CLCADDY in use with ChargeLink™ (3KW)

CORE300 4Ah		CORE400 5.5Ah		CORE530 7.2Ah	
80%	100%	80%	100%	80%	100%
14	27	14	28	16	32
14	33	16	36	20	40
19	40	25	45	31	57
24	46	32	55	40	66
29	51	38	61	51	79
34	57	47	71	60	90

Number of batteries which can be charged within 12 hrs (independent of the number of caddies)

CLCADDY in use with ChargeLink™

CORE300 4Ah	CORE400 5.5Ah	CORE530 7.2Ah
72 batteries	60 batteries	48 batteries

82V RUNTIMES / CHARGING TIMES




RUNTIMES


Recommended batteries

Battery 82V180


Trimmers & Brush Cutters (minutes)

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)	Clearing
 82T12 (string trimmer)	20	15	-
82TB20 (string trimmer)	24	13	-
82TB20 (grass blade)	36	24	-


Chainsaws & Polesaws (cuts per charge)

	Light use (Pruning)	Medium use (Carpentry)	Heavy use (Log cutting)
 82TCS15 (10")	24	21	13
82CS24 (14")	17	15	11
82CS34 (15")	17	15	11
82PST39 (10")	45	39	25

Hedge Trimmers & Long Reach Hedge Trimmers (minutes)

	Light hedge trimming	Tough hedge trimming
 82HD62	100	70
82PH23	125	90


Leaf Blowers (minutes)

	Light blowing	Tough blowing
 82B16	26	14
82B22	30	16


Lawn Mowers (area mown m²)

	Light grass cutting	Tough grass cutting
 82LM46SX (with 2 batteries) dual battery runtime	1,060	370
82LM51SX (with 2 batteries) dual battery runtime	920	360


Utility Cart (minutes)

	Low speed	High speed
 82UC	80	62

Snow Thrower (area cleared m²)

	Low condition	Tough condition
 82SN61	80	62

Earth Auger (minutes)

	82V180 20 cm Auger
 82EA14	15

Ride-On Mowers (area mown m²)

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)
 82ZT107 Mulching blade (with 6 batteries)	3,500	2,500
82LT107 Mulching blade (with 6 batteries)	3,500	2,500

	2x 82V1150 - Suitcase Batteries only	
	Light grass cutting	Tough grass cutting
 82ZT122	7,900	5,000

Battery 82V290P

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)	Clearing
82T12 (string trimmer)	32	24	-
82TB20 (string trimmer)	39	21	-
82TB20 (grass blade)	58	39	-

	Light use (Pruning)	Medium use (Carpentry)	Heavy use (Log cutting)
82TCS15 (10")	39	33	21
82CS24 (14")	24	21	13
82CS34 (15")	21	18	11
82PST39 (10")	73	62	40

	Light hedge trimming	Tough hedge trimming
82HD62	160	110
82PH23	200	140

	Light blowing	Tough blowing
82B16	48	30
82B22	55	36

	Light grass cutting	Tough grass cutting
82LM46SX (with 2 batteries) dual battery runtime	1,700	600
82LM51SX (with 2 batteries) dual battery runtime	1,530	620

	Low speed	High speed
82UC	100	82

	Low condition	Tough condition
82SN61	100	82

	82V290P 20 cm Auger
82EA14	25

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)
82ZT107 Mulching blade (with 6 batteries)	5,250	4,500
82LT107 Mulching blade (with 6 batteries)	5,250	4,500

	2x 82V1150 and 4x 8Ah Batteries - fully equipped	
	Light grass cutting	Tough grass cutting
82ZT122	15,800	11,700

Battery 82V360

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)	Clearing
82T12 (string trimmer)	40	31	-
82TB20 (string trimmer)	48	26	-
82TB20 (grass blade)	72	48	-

	Light use (Pruning)	Medium use (Carpentry)	Heavy use (Log cutting)
82TCS15 (10")	48	41	26
82CS24 (14")	30	26	16
82CS34 (15")	21	18	12
82PST39 (10")	90	77	49

	Light hedge trimming	Tough hedge trimming
82HD62	200	140
82PH23	250	170

	Light blowing	Tough blowing
82B16	60	36
82B22	72	41

	Light grass cutting	Tough grass cutting
82LM46SX (with 2 batteries) dual battery runtime	2,110	720
82LM51SX (with 2 batteries) dual battery runtime	2,130	840

	Low speed	High speed
82UC	140	112

	Low condition	Tough condition
82SN61	140	112

	82V360 20 cm Auger
82EA14	33

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)
82ZT107 Mulching blade (with 6 batteries)	7,000	5,100
82LT107 Mulching blade (with 6 batteries)	7,000	5,100

	2x 82V1150 and 4x 8Ah Batteries - fully equipped	
	Light grass cutting	Tough grass cutting
82ZT122	15,800	11,700

Battery 82V580P

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)	Clearing
82T12 (string trimmer)	63	48	-
82TB20 (string trimmer)	77	42	-
82TB20 (grass blade)	116	77	-

	Light use (Pruning)	Medium use (Carpentry)	Heavy use (Log cutting)
82TCS15 (10")	77	66	42
82CS24 (14")	48	41	26
82CS34 (15")	34	29	19
82PST39 (10")	145	124	79

	Light hedge trimming	Tough hedge trimming
82HD62	320	220
82PH23	400	280

	Light blowing	Tough blowing
82B16	83	45
82B22	97	53

	Light grass cutting	Tough grass cutting
82LM46SX (with 2 batteries) dual battery runtime	3,450	1,200
82LM51SX (with 2 batteries) dual battery runtime	3,060	1,275

	Low speed	High speed
82UC	190	152

	Low condition	Tough condition
82SN61	190	152

	82V580P 20 cm Auger
82EA14	50

	Light grass cutting (maintenance)	Tough grass cutting (above 15 cm)
82ZT107 Mulching blade (with 6 batteries)	10,500	7,800
82LT107 Mulching blade (with 6 batteries)	10,500	7,800

	2x 82V1150 and 4x 8Ah Batteries - fully equipped	
	Light grass cutting	Tough grass cutting
82ZT122	15,800	11,700

CHARGING TIMES

All stated charging times require that the battery has sufficient temperature and charging is done in line with the instructions from the operators manual.

(minutes)	82C1G (4A)		82C2 2908386 (8A)				82C6 2900586 (8A)					
	80%	100%	80%	100%	80%	100%	100%					
	1 battery	1 battery	1 battery	2 batteries	1 battery	2 batteries	1 battery	2 batteries	3 batteries	4 batteries	5 batteries	6 batteries
2913286 82V180 82V 2.5AH	30	48	24	30	45	50	37	37	37	2 x 37 2 x 50	1 x 37 4 x 50	50
2913586 82V290P 82V 4AH	48	70	24	48	45	70	40	40	40	2 x 40 2 x 80	1 x 40 4 x 80	80
2913386 82V360 82V 5AH	60	80	30	60	50	80	50	50	50	2 x 50 2 x 100	1 x 50 4 x 100	100
2913486 82V580P 82V 8AH	96	120	48	96	70	135	80	80	80	2 x 80 2 x 160	1 x 80 4 x 160	160

Unlike our competitors, we measured full cutting time for our products, which means the products are running under a scenario of full gas all the time without any stops or breaks. All stated times are "up to" measures and are measured under load during safe and controlled ways of working. This means no stressing of the products to extreme limits.

"Light conditions" means that the product is running at 60-80% capacity. "Hard working conditions" means the product is running at 80-100% capacity. The status of cutting equipment and way of working with the product will affect the runtime dramatically. Therefore, it is important to always keep your blade sharp.

48V RUNTIMES / CHARGING TIMES















Cramer 48V batteries provide any 48V device with the power you need so that you can always perform, even with the highest loads and harshest conditions. With Cramer's 48V fast-charging devices, your batteries will be fully charged in next to no time. The data shows estimates based on standard applications.

RUNTIME IN MINUTES



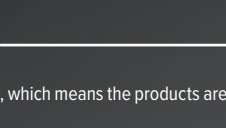
 Recommended batteries



CATEGORY	PRODUCT/BATTERY	48V96	48V192
CHAINSaws	48MCS 	10 minutes/ 45 cuts	20 minutes/ 90 cuts
	48MCSX 	10 minutes/ 45 cuts	20 minutes/ 90 cuts
	48CS18 	15 minutes/ 48 cuts	30 minutes/ 96 cuts
POLE SAW	48PS 	35 minutes/ 49 cuts	70 minutes/ 98 cuts
LAWN MOWERS	48LM48SP 	—	30 mins. 1x battery 60 mins. 2x batteries
	48LM41K4 	12 minutes	24 minutes
TRIMMERS	48TB10 	14 minutes	28 minutes
	48T10 	14 minutes	28 minutes
HEDGE TRIMMER	48HD66 	60 minutes	120 minutes
POLE HEDGE TRIMMER	48PH 	60 minutes	120 minutes
BLOWERS	48B800 	7 minutes	14 minutes
	48BV800 	7 minutes	14 minutes

CHARGING TIMES



CATEGORY	PRODUCT	48V96	48V192
CHARGERS	 Charger 48C	50 min (80 %) 75 min (100 %)	110 min (80 %) 150 min (100 %)
	 Charger 48C2 1 battery	50 min (80 %) 70 min (100 %)	100 min (80 %) 135 min (100 %)
	 Charger 48C2 2 batteries	100 min (80 %) 140 min (100 %)	200 min (80 %) 270 min (100 %)

Unlike our competitors, we measured full cutting time for our products, which means the products are running under a scenario of full gas all the time without any stops or breaks. All listed runtimes refer to an average runtime in minutes including high and low use.