

82V Battery and Charger Solutions



82V

82V BATTERY & CHARGER RANGE OVERVIEW

Class leading power

Cramer 82V batteries offer class leading power output of up to 4 kW to tackle even the toughest jobs with ease.

Exceptional power to weight ratio

Despite the high power output, thanks to innovative battery technology Cramer batteries feature a compact and lightweight design for an exceptional power to weight ratio.

Built for reliability

The 82V architecture allows the battery to offer class leading power while keeping cell temperatures cooler than smaller voltage alternatives. Benefits of Cramer 82V include a longer working life and extended runtimes.

Always charged

Our charging solutions offer rapid charging for up to 6 batteries simultaneously, ensuring operators can continue to work throughout the day.

Batteries

82V180
82V290P
82V360
82V580P

Battery Suitcase
82V1150Single/Dual-Slot
Chargers
82C2
82C1G6-Slot Charger
82C6

82V580P

ERP: 2913486 | EAN: 6952909083131

For longer runtime, a great peak power and equipped with Bluetooth allowing you to always stay connected | 82V 8 Ah battery has **580 Wh of power** |

Display showing charge status in % | Compatible with Cramer Fleet Management via Bluetooth



SPECIFICATIONS

| | |
|---------------------------|---------|
| Voltage | 82V |
| Rated capacity | 8 Ah |
| Bluetooth | Yes |
| Charging time with 82C1G: | 120 min |
| Charging time with 82C2: | 60 min |
| Weight | 3.8 kg |

580 Wh

Capacity

4 kW

Maximum power

82V360

ERP: 2913386 | EAN: 6952909083124

Low weight despite high peak power | 82V 5 Ah battery has **360 Wh of power** | Display showing charge status in % | Compatible with Cramer Fleet Management via Bluetooth



SPECIFICATIONS

| | |
|---------------------------|--------|
| Voltage | 82V |
| Rated capacity | 5 Ah |
| Bluetooth | Yes |
| Charging time with 82C1G: | 75 min |
| Charging time with 82C2: | 50 min |
| Weight | 2.7 kg |

360 Wh

Capacity

4 kW

Maximum power

82V290P

ERP: 2913586 | EAN: 6952909083148

82V 4 Ah battery has **290 Wh of power** | Compatible with Cramer Fleet Management via Bluetooth | Display showing charge status in %



SPECIFICATIONS

| | |
|---------------------------|--------|
| Voltage | 82V |
| Rated capacity | 4 Ah |
| Bluetooth | Yes |
| Charging time with 82C1G: | 60 min |
| Charging time with 82C2: | 35 min |
| Weight | 2.0 kg |

290 Wh

Capacity

3.2 kW

Maximum power

82V180

ERP: 2913286 | EAN: 6952909083117

82V 2.5 Ah battery has **180 Wh of power** | Compatible with Cramer Fleet Management via Bluetooth | Display showing charge status in %



SPECIFICATIONS

| | |
|---------------------------|--------|
| Voltage | 82V |
| Rated capacity | 2.5 Ah |
| Bluetooth | Yes |
| Charging time with 82C1G: | 38 min |
| Charging time with 82C2: | 38 min |
| Weight | 1.7 kg |

180 Wh

Capacity

2.2 kW

Maximum power

82V1150 Suitcase Battery

ERP: 2917986 | EAN: 6936854102734

- Extended runtime: capacity provides long runtime and high efficiency for demanding gardening tasks.
- Class leading power to weight ratio: compact and robust to deliver high power and large capacity
- Portable design: two handles for easy transport and handling
- Simple installation with high current cable (not included)
- Connectable via bluetooth to see most important battery information



SPECIFICATIONS

| | | | | |
|-----------------|---------------|------------------|----------------|--------|
| 1.150 Wh | 7.2 kW | IPX4 | Voltage | 82V |
| Capacity | Maximum power | Water resistance | Rated capacity | 16 Ah |
| | | | Weight | 7.7 kg |
| | | | | |

Specification



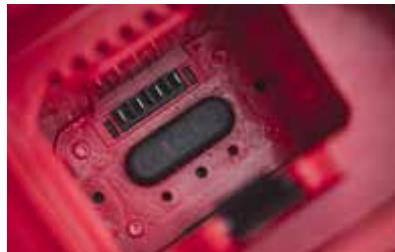
| PRODUCT/FEATURE | 82V1150 | 82V580P | 82V360 | 82V290P | 82V180 |
|-----------------|---------------|---------------|---------------|---------------|---------------|
| ERP | 2917986 | 2913486 | 2913386 | 2913586 | 2913286 |
| EAN | 6936854102734 | 6952909083131 | 6952909083124 | 6952909083148 | 6952909083117 |
| Voltage | 82V | 82V | 82V | 82V | 82V |
| Rated capacity | 16 Ah | 8 Ah | 5 Ah | 4 Ah | 2.5 Ah |
| Capacity | 1150 Wh | 580 Wh | 360 Wh | 290 Wh | 180 Wh |
| Peak power | 7.2 kW | 4 kW | 4 kW | 3.2 kW | 2.2 kW |
| Bluetooth | Yes | Yes | Yes | Yes | Yes |
| Weight | 7.86 kg | 3.8 kg | 2.7 kg | 2.0 kg | 1.7 kg |

82C6 6-Slot Fast Charger

The Cramer 82C6 82V 8A rapid charging station features 6 x 4A slots to charge up to six batteries at the same time, with integrated battery cooling and charge status indicator LED. The charger includes detachable EU and UK power leads and is fully compatible with all 82V Cramer professional batteries up to 8 Ah.



For easy transportation the charging station is built on a steel frame with integrated transport wheels.



IPX4 classified for use in all weathers.
Additionally, 6 drain holes provide extra safety.



Detachable EU and UK power leads.

82C6

ERP: 2900586 | EAN: 6952909025179

- + Charges 6 x 82V 8 Ah batteries in 160 minutes
- + 2-in-1: There is no need to swap batteries between transportation boxes and chargers. After quickly charging all batteries the box can conveniently carried to every workplace
- + Use indoors and outdoors. The Cramer 6-slot charger features an automatic closing system, so that the batteries will never get wet even when it starts raining



CHARGING TIMES

| Charging time | 2.5 Ah (4A) | 4 Ah (6A) | 5 Ah (6A) | 8 Ah (6A) |
|---------------|-------------|------------|-------------|-------------|
| 1 Battery | 37 min | 40 min | 50 min | 80 min |
| 2 Batteries | 37 min | 40 min | 50 min | 80 min |
| 3 Batteries | 37 min | 40 min | 50 min | 80 min |
| 4 Batteries | 2 x 37 min | 2 x 40 min | 2 x 50 min | 2 x 80 min |
| | 2 x 50 min | 2 x 80 min | 2 x 100 min | 2 x 160 min |
| 5 Batteries | 1 x 37 min | 1 x 40 min | 1 x 50 min | 1 x 80 min |
| | 4 x 50 min | 4 x 80 min | 4 x 100 min | 4 x 160 min |
| 6 Batteries | 50 min | 80 min | 100 min | 160 min |

SPECIFICATIONS

| Slots | Amps | IPX4 | PRODUCT | 82C6 |
|----------|----------------|------------------|---------|-------|
| 6 | 6 x 4 A | Water resistance | Voltage | 82V |
| | | | IPX4 | Yes |
| | | | Weight | 19 kg |



Cramer's 82V batteries offer you the highest peak power on the market, ensuring that you always have enough energy for complex work.



Connect the batteries to Cramer Fleet Management via Bluetooth. You can immediately check charge status, remaining runtime, temperature and charging cycles with your smartphone.



The battery features integrated LED status lights which clearly display the level of charge as well as when recharging is required.

82C1G

ERP: 2905686 | EAN: 6952909027418

SPECIFICATIONS

| Slots | Amps |
|-------|------|
| 1 | 4 A |



82C2

ERP: 2908386 | EAN: 6952909048383

Simultaneously recharges 2 batteries until fully charged | Fewer chargers needed thanks to two charging slots

SPECIFICATIONS

| Slots | Amps |
|-------|------|
| 2 | 8 A |



Batteries can be charged immediately after use, as the built-in fan provides cooling during the charging process.

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)

| 2913286 | 82V180 | 82V 2.5AH |
|---------|---------|-----------|
| 2913586 | 82V290P | 82V 4AH |
| 2913386 | 82V360 | 82V 5AH |
| 2916086 | 82V430X | 82V 6AH |
| 2913486 | 82V580P | 82V 8AH |

| 82C1G | | 82C2 2908386 | | | |
|-----------|-----------|----------------|-------------|-----------|-------------|
| (4A) | | (8A) | | | |
| 80% | 100% | 80% | 2 batteries | 100% | 2 batteries |
| 1 battery | 1 battery | 1 battery | 2 batteries | 1 battery | 2 batteries |
| 30 | 48 | 24 | 30 | 45 | 50 |
| 48 | 70 | 24 | 48 | 45 | 70 |
| 60 | 80 | 30 | 60 | 50 | 80 |
| 72 | 95 | 36 | 72 | 56 | 92 |
| 96 | 120 | 48 | 96 | 70 | 135 |

Great endurance and quick recovery

Cramer 82V batteries provide any 82V device with the power you need so that you can always perform, even with the highest loads and harshest conditions. With Cramer's 82V fast-charging devices, your batteries will be fully charged in next to no time. The data shows estimates based on standard applications.

| RUNTIMES | | Recommended batteries | | | | | | | |
|---|---|----------------------------------|-----------------------------------|----------------------------------|---|----------------------------------|-----------------------------------|----------------------------------|--|
| Battery | 82V180 | 82V290P | 82V360 | 82V580P | | | | | |
| Ride-On Mowers (area mown m²) | | | | | | | | | |
|  | Light grass cutting (maintenance) | Tough grass cutting (above 15cm) | Light grass cutting (maintenance) | Tough grass cutting (above 15cm) | Light grass cutting (maintenance) | Tough grass cutting (above 15cm) | Light grass cutting (maintenance) | Tough grass cutting (above 15cm) | |
| 82ZT107 Mulching blade (with 6 batteries) | 3,500 | 2,500 | 5,250 | 4,500 | 7,000 | 5,100 | 10,500 | 7,800 | |
| 82LT107 Mulching blade (with 6 batteries) | 3,500 | 2,500 | 5,250 | 4,500 | 7,000 | 5,100 | 10,500 | 7,800 | |
|  | 2X 82V1150 - SUITCASE BATTERIES ONLY | | | | 2X 82V1150 AND 4X 8AH BATTERIES - FULLY EQUIPPED | | | | |
| | Light grass cutting | | Tough grass cutting | | Light grass cutting | | Tough grass cutting | | |
| 82ZT122 | 7,900 | | 5,000 | | 15,800 | | 11,700 | | |
| Utility Cart (minutes) | | | | | | | | | |
|  | Low speed | High speed | Low speed | High speed | Low speed | High speed | Low speed | High speed | |
| 82UC | 80 | 62 | 100 | 82 | 140 | 112 | 190 | 152 | |
| Snow Thrower (area cleared m²) | | | | | | | | | |
|  | Light condition | Tough condition | Light condition | Tough condition | Light condition | Tough condition | Light condition | Tough condition | |
| 82SN61 (with 3 batteries) | 128 | 52 | 181 | 66 | 227 | 83 | 362 | 132 | |
| Earth Auger (minutes) | | | | | | | | | |
|  | 82V180 20 cm Auger | 82V290P 20 cm Auger | 82V360 20 cm Auger | 82V580P 20 cm Auger | | | | | |
| 82EA14 | 15 | 25 | 33 | 50 | | | | | |

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.

