

STARK VARG SPECIFICATION SHEET

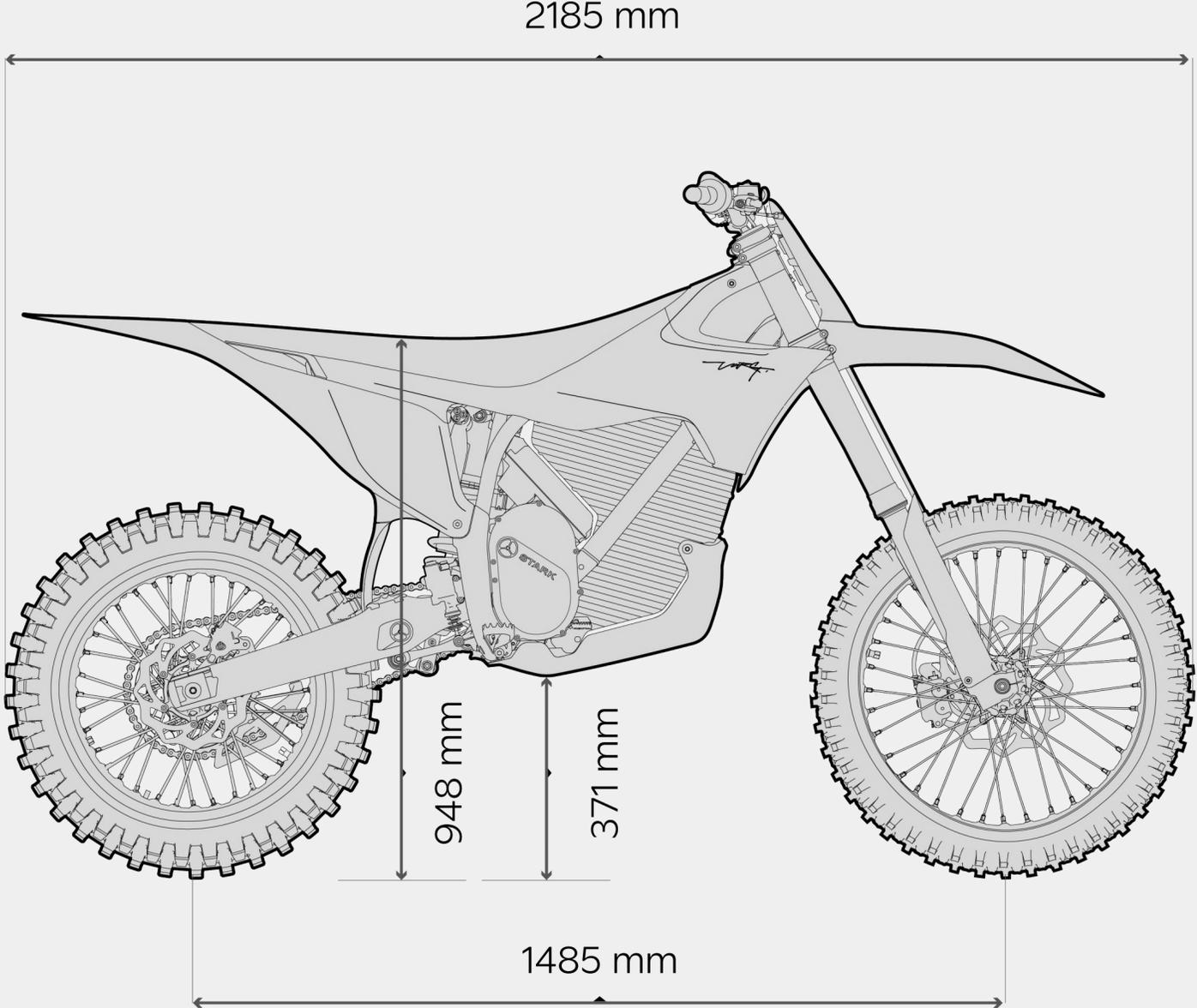
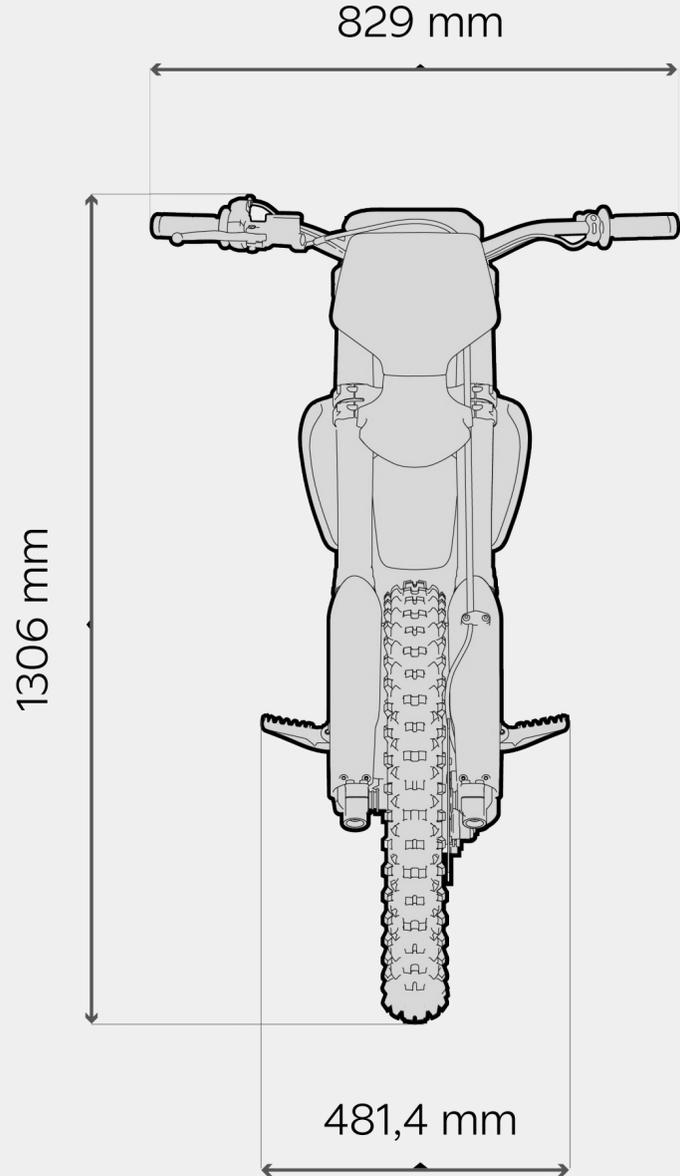


STARK FUTURE

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# STARK VARG DIMENSIONS



# BATTERY

## Battery capacity

6.5 kWh

## Chemical composition

Lithium-ion phosphate

## Cell configuration

100S4P

## Voltage range

250V - 420V

## Technology

Ultrasonic bonding

## Type of balancing

Passive

## Lifecycle expectancy

10% capacity loss after first 500 charging cycles



# MOTOR

## Motor type

Carbon fiber sleeve motor

## Voltage

360 nominal voltage

## Power to weight ratio

9hp per kilogram

## Torque

275 Nm of torque on the counter shaft

## Efficiency

95% efficiency over the majority of the power range

## Cooling

Water-cooled aluminum casing

## Weight

10 kg



# SUSPENSION

## KYB Suspension

Factory assembled KYB suspension:

### Fork

Closed cartridge AOS 48mm

### Shock

50/16mm with triple adjuster

For more information on the KYB suspension,  
see their website here: <https://kyb-europe.com/>



# SUSPENSION

SHOCK

65/70kg	70/75kg	75/80kg	80/85kg	85/90kg	90/95kg	95/100kg	
54N 260mm	54N 260mm	56N 260mm	56N 260mm	58N 260mm	58N 260mm	58N 260mm	
K2C							
<b>Ten L: 10</b>	RED						
<b>Comp L: 16</b>	<b>Comp L: 14</b>	<b>Comp L: 16</b>	<b>Comp L: 14</b>	<b>Comp L: 14</b>	<b>Comp L: 12</b>	<b>Comp L: 12</b>	WHITE
<b>Comp H: 14</b>	BLUE						
<b>Reb: 15</b>	BOTTOM						

FORK

65/70kg	70/75kg	75/80kg	80/85kg	85/90kg	90/95kg	95/100kg
22N (107mm)	22N (107mm)					
4,6N (497mm)	4,6N (497mm)	4,8N (497mm)	4,8N (497mm)	5,0N (497mm)	5,0N (497mm)	5,0N (497mm)
355cc	355cc	355cc	355cc	355cc	355cc	355cc
<b>Reb: 12</b>	<b>Reb: 12</b>					
<b>Comp: 12</b>	<b>Comp: 10</b>	<b>Comp: 12</b>	<b>Comp: 10</b>	<b>Comp: 12</b>	<b>Comp: 10</b>	<b>Comp: 8</b>

· KhL 15-11 oil / KYB Suspension · Total oil of one fork leg is 355cl · F48% R52%

# BRAKES

Brembo brake specs:

## Front brake

Two pistons

## Rear brake

One piston

## Capacity

At round  $21\text{cm}^3$  on front brake,  $16\text{cm}^3$  on rear foot brake and  $20\text{cm}^3$  on rear hand brake

## Front brake disc diameter

260mm

## Rear brake disc diameter

220mm



# HANDLEBAR

Width

813mm

Height

43.9mm

Rise

78mm

Clamp area

150mm

Sweep

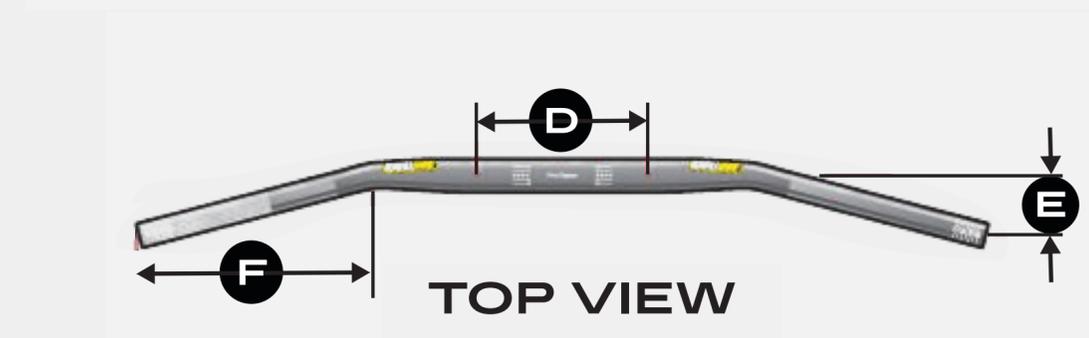
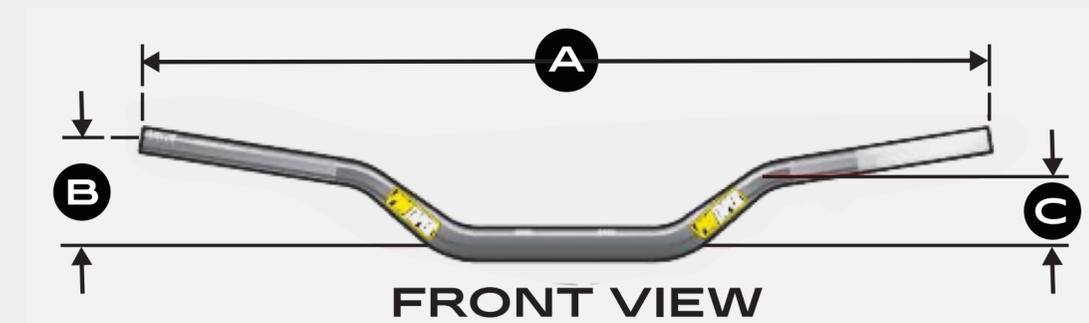
54mm

Centre diameter on handlebar

28.6 mm

Diameter on the grip area

22 mm



All dimensions are shown in mm    1 in = 25.4mm

# WHEELS

## Wheels

Rear tire: 110/90-19, 120/100-18

Front tire: 80/100-21

## Wheel spacers:

Front wheel shaft diameter: 22mm and width of the bushing is 19.1mm

Rear wheel shaft diameter: 25mm and width of the bushing is 17mm

## Axle diameter:

Front shaft: 22mm diameter

Rear shaft: 25mm diameter



## WHEELS

### Internal width of the swingarm

180 mm (Wheel with spacers: 180 mm)

### Diameter is

25 mm

### The torque value for the spokes are 4.5 Nm.

Please note that this value is for a brand new wheel when tightening the spokes after assembly. Once the wheel has been used, you will need to follow the true of the wheel.



# TOOLBOX

Toolbox contains 19 pieces

## Torque Wrench

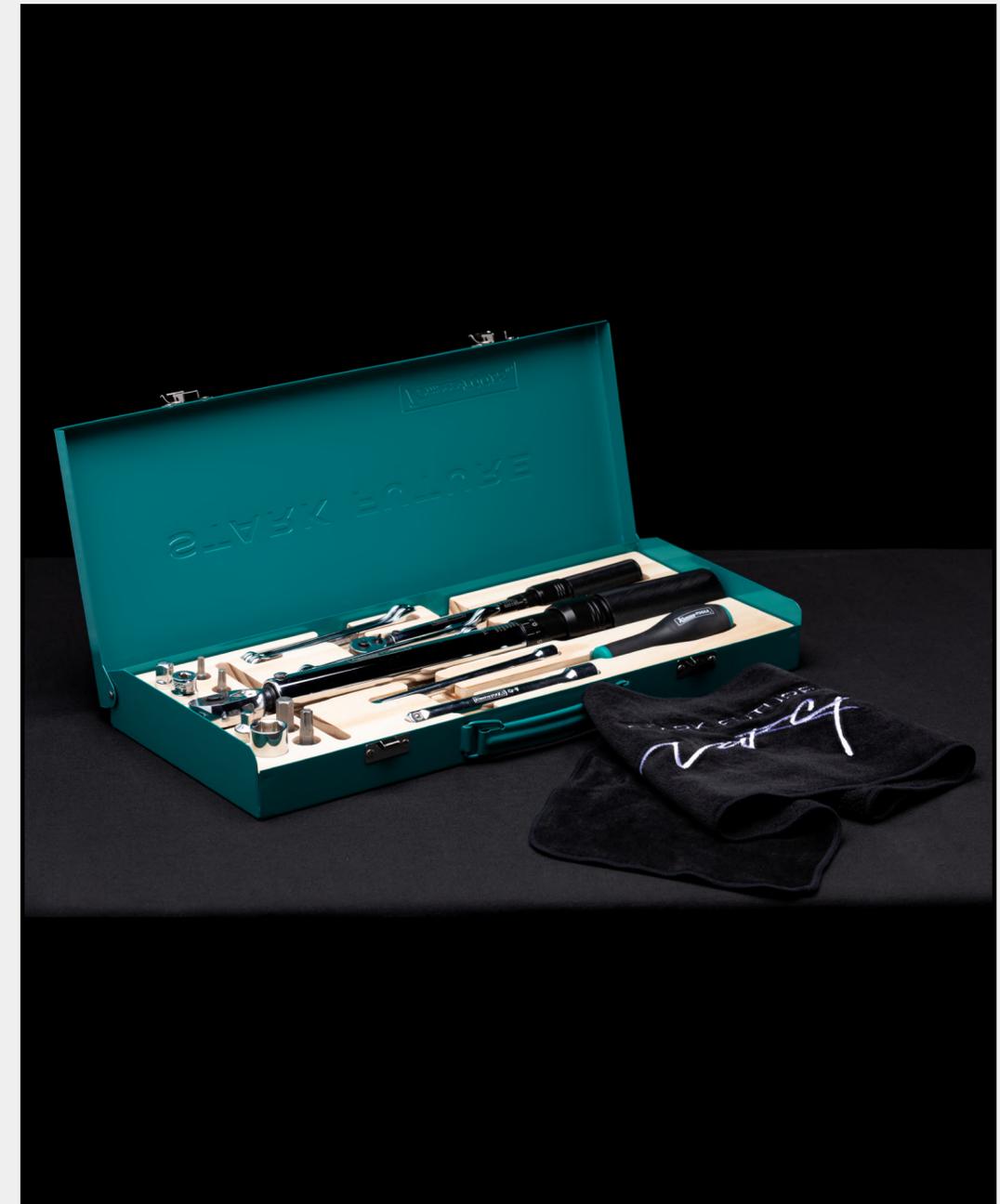
- ¼” Dr.Lock-Click Type Torque Wrench (black handle)  
L: 250 mm, Display Range: 2-26 Nm
- ⅜” Dr. Lock-Click Type Torque Wrench (black handle)  
L: 440 mm, Display Range: 20-120 Nm

## Screwdriver

Slot screwdriver: 5 mm, L: 125 mm

## Socket and Bits

- Socket bit: ¼” T25 (long) + T30
- Socket: ¼” x 13mm (CR-V)
- Socket bit: ⅜” T45, HEX10
- Socket: ⅜” x 17mm (CR-V)



# TOOLBOX

Toolbox contains 19 pieces

**Spanner:** 1 x 8 mm - 2 x 10 mm - 1 x 13 mm

**T-bar. Adapters & Extensions:** 1/4" T bar

**Adapters:**

- 1/4(M)x3/8(F)
- 3/8(M)x1/4(F)
- 1/4"Extension 150mm
- 3/8"Extension 150mm

**Spoke wrench:** 6,8 mm

**Allen:** 6 mm

**Black towel:** 100% cotton, towel size:  
18\*60cm, with Stark logo



# CHARGER

## Type

3.3 kWh 120v~240v charger

## AC input

90~264V 47-63Hz 16A

## Output voltage range

210V-430V

## Output current max

10A

## Power cord length

2.5m

## Power cord options

EU - AUS/NZ - North America L14-30 - UK - CH



# STARK PHONE

## Operating System

Android 11

## Dimensions

159.6 x 78.2 x 12.8 mm (6.28 x 3.08 x 0.50 in)

## Weight

230 g (8.11 oz)

## Screen

5,7" 720 x 1440 pixels

## Memory

128GB 6GB RAM

## Battery

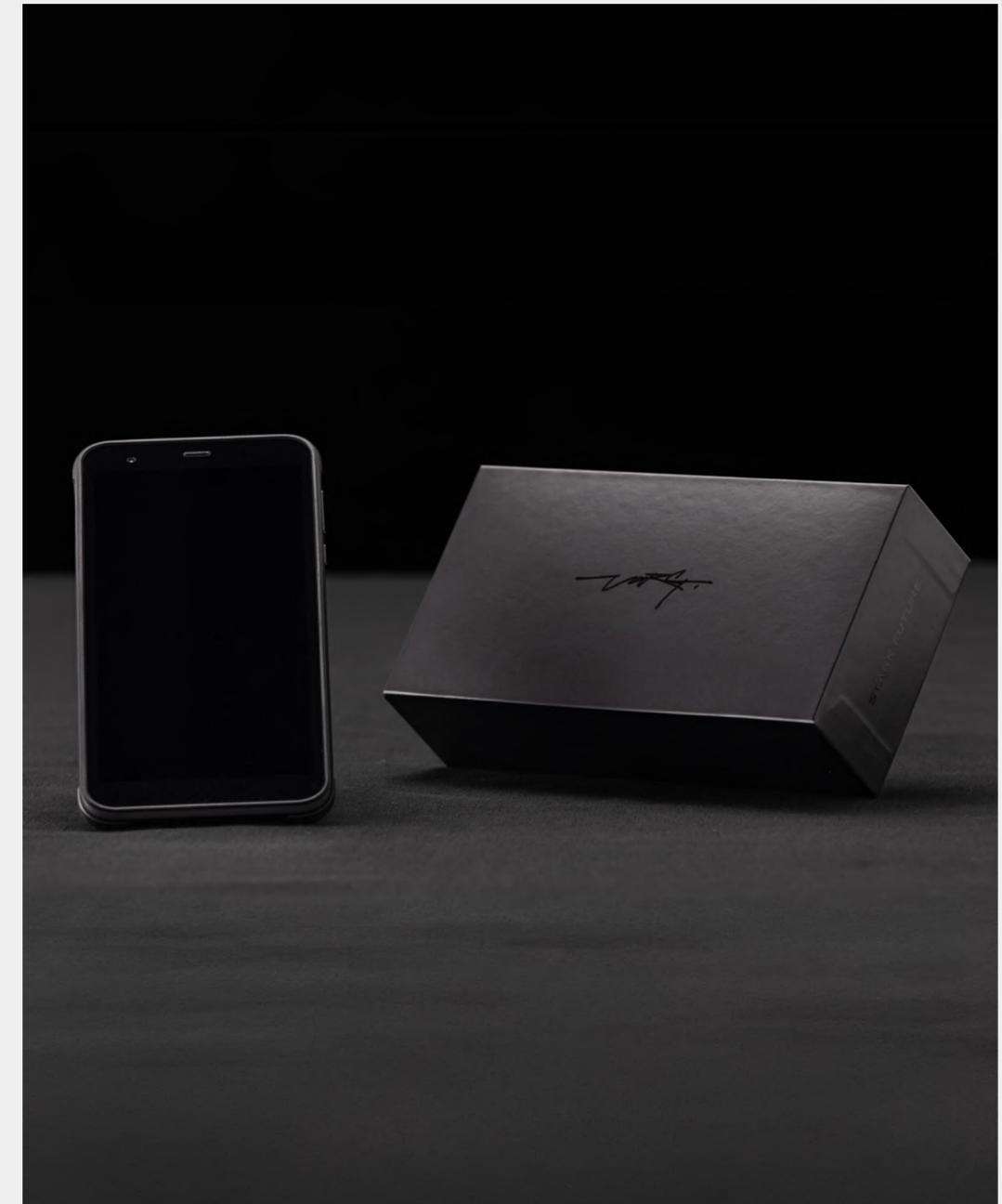
4380mAh

## Camera

16MP 1080p

### Dual SIM capability

It includes a pre-paid data SIM card, with options to add a SIM for calls or a memory card



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