

Parts List Kettcar Conversion (Project 10.2024 to 07.2025)						
Pos	Item	Description	Qty	Unit Price	Total Price	Link
1	Motor + Controller	72V 3000W BLDC Motor (Kit with motor, controller, pedal, switch)	1	175,99 €	175,99 €	https://de.aliexpress.com/item/1005008505846508.html
2	Battery	Li-Ion 72V 25Ah incl. Charger	1	562,87 €	562,87 €	https://www.ebay.de/itm/387062009406
3	Tires	Quad ATV Complete Wheel 16x8-7 Knobby 3-Hole	2	49,99 €	99,98 €	https://www.ebay.de/itm/145682055529
4	Brake Kit	Hydraulic Rear Disc Brake Caliper System	1	34,09 €	34,09 €	https://www.ebay.de/itm/186595105996
5	Junction Box	240x190x90mm	1	17,49 €	17,49 €	https://www.ebay.de/itm/316082238456
6	Light	7 inch 120W LED Light Bar for ATV	1	12,29 €	12,29 €	https://de.aliexpress.com/item/1005007650224228.html
7	Electronics / PCB	PCB, various components, switches... (Estimate)	1	20,00 €	20,00 €	
8	Voltage Regulator	Buck Module 48V/60V/100V Drop 1.25V-48V	2	4,49 €	8,98 €	https://de.aliexpress.com/item/1005004635616058.html
9	Battery Indicator	0.56" Red Blue LCD Digital Voltmeter	1	2,49 €	2,49 €	https://de.aliexpress.com/item/1005005215254737.html
10	3D Printed Parts	1 kg PLA	1	10,00 €	10,00 €	
11	Mechanical Components (Mädler Order)	Invoice 43032482 – Timing Belt, Pulley z56, Taper Lock Bushings	1	71,54 €	71,54 €	https://www.maedler.de/
12	Mechanical Components (Mädler Order)	Invoice 43091982 – Sprocket z18, Taper Lock Bushings, Sprocket z57, Keyways, Pulley z84	1	131,63 €	131,63 €	https://www.maedler.de/
13	Mechanical Components (Mädler Order)	Invoice 43183937 – Taper Lock Bushing, Timing Belt, Pulley, Chain	1	104,58 €	104,58 €	https://www.maedler.de/
14	Pillow Block Bearings	Pillow Block Bearing UCPA 208 20mm (Intermediate Shaft)	2	9,45 €	18,90 €	https://www.ebay.de/itm/331354351426
15	Pillow Block Bearings	Pillow Block Bearing UCP – Ø25 (Axle)	2	11,99 €	23,98 €	https://www.ebay.de/itm/277123971354
16	Material	- Ø70 Solid Steel Wheel Hub Blanks, Perforated Sheet Guard, Steel Plate Battery Box, Flat Bar 60mm (Base), Square Tube 40x40x4 (Estimate)	1	112,00 €	112,00 €	(Reference) https://www.ebay.de/itm/142261573220 https://www.ebay.de/itm/17453933466 https://www.ebay.de/itm/271913146374
17	Standard Parts	Miscellaneous screws etc. (Estimate)	1	16,00 €	16,00 €	https://www.frantox.com/

Sum: 1.422,81 €