

Part name	Quantity	Mass per unit [g]	Material	Manufacturing process	Part cost per unit [DKK]	Total cost
ICQUANZX micro submersible water pump – 3 V – 5V 4 pack	0,75			assembly	15	11,25
ARCELI 5 pieces floor hygrometer moisture detection water sensor 5 pack	0,6			assembly	10	6
LM2596 DC-DC Buck Converter Wandler Spannungsreglernebt 10 pack	0,2			assembly	10	2
Relay	5			assembly	25	125
Swnkdg PVC hose for air, fuel or oil hose	1			assembly	75	75
Yummyfood 20 W 12 V Solar Panel	1			assembly	225	225
UV light 30 cm	1			assembly	200	200
SG90 microservo	2			assembly	21	42
Photoresistor 10 pack	0,4			assembly	13	5,2
Arduino uno	1			assembly	86	86
ESP32	1			assembly	88	88
Main case	1	1623	ABS	vaccumforming +CNC-cutting assembly	21,099	21,099
Solar stand	1	45,613	ABS	Injection molding+ assembly	0,592969	0,592969
Pots	3	176,812	ABS	Injection molding + assembly	2,298556	6,895668
Solar panel holder	1	39,447	ABS	Injection molding	0,512811	0,512811

DC connector female	2				19	38
DC connector male	1				7,5	7,5
Wires	1	50	Copper+polymer		5	5
Floatsensors	2		electronics, polymers	injection molding, assembly + more	25	50
Floatsensor holder	2	1,673	ABS	Injection molding	0,021749	0,043498
Waterpump bracket	3	1,12	ABS	Injection molding	0,01456	0,04368
Waterblocking valve	3		polymer		15	45
Push fittings	6				30	180
Cable terminal	5				3	15
2 meters of cable	1				10	10
Power supply 12v	1				60	60
12v battery 7 Ah	1				150	150
Bearing	1				20	20
Total	34	1937,665				1475,137626