


## PARTS LIST

POS	POS. OLD	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1-A2			Solar Water Heater	solar-water-heater.iam / ipn			1-2
B			Part List	solar-water-heater.idw			3
1.0.0		1	Panel Assembly	panel-assembly5.iam			4 - 5
1.1.0		1	Panel structure 2	panel-structure2.iam			6
1.1.1		2	Tube 25*25*2440	DIN 25 x 25 x 2 00000001.ipt	Production	EN 10210-2 - 25 x 25 x 2 - 2440	7
1.1.2		2	Tube 25*25*1770	DIN 25 x 25 x 2 00000004.ipt	Production	EN 10210-2 - 25 x 25 x 2 - 1170	8
1.2.0		2	Metal sheet	metal-sheet-plane.ipt	Production	thickness 1.2 mm	9
1.3.0		2	Socket MGA		Standard	DIN 8063 Bonded MGA 25	
1.4.0		2	Socket MGI		Standard	DIN 8063 Bonded MGI 3/4	
1.5.0		2	Elbow		Standard	DIN 8063 90 Deg Elbow W1 25	
1.6.0		1	Sheet seal	seal.ipt	Production	Rubber, Thickness 4 mm	10
1.7.0		1	Thermal Insulation			carton cover	
1.8.0		1	Panel structure 1	panel-structure1.iam		panel-structure1	11
1.8.1		2	Tube 25*25*2390	DIN 25 x 25 x 2 00000003.ipt	Production	EN 10210-2 - 25 x 25 x 2 - 2390	12
1.8.2		2	Tube 25*25*1220	DIN 25 x 25 x 2 00000002.ipt	Production	EN 10210-2 - 25 x 25 x 2 - 1220	13
1.9.0		124	Washer		Standard	ISO 8738 - 8	
1.10.0		26	Hex-Head Bolt		Standard	DIN 933 - M8 x 25	
1.11.0		62	Hex Nut		Standard	DIN 555-5 - M8	
1.12.0		36	Hex-Head Bolt		Standard	DIN 933 - M8 x 75	
2.0.0		1	Tank Assembly	tank-assembly.iam		HDPE 200L Drum	14
2.1.0		1	Tank with cap		Production	200 L, volume optional	
2.2.0		2	Socket MGA		Standard	DIN 8063 Bonded MGA 25	
2.3.0		2	Hose Barb to Male Pipe		Standard	Parker Hose Barb 90 Elbow	
2.4.0		2	Socket MGI		Standard	DIN 8063 Bonded MGI 3/4	
2.5.0		2	Connector		Standard	Lok Female thread - 5/8 x 1/2	
2.6.0		1	Thermal Insulation		Production	Polystyrene or similar	
2.7.0		1	Copper coil	tank-assembly.Run01.iam	Production	1/2 inch copper tube, L 9.04 m	15

PROJECT		CREATED BY	APPROVED BY		
Solar Heater		A. MORILLO	D. JAEGER		
PART NAME		PART CODE	DOCUMENT TYPE	MATERIAL	
		B1	PART LIST		
DEVELOPED BY	REDESIGNED BY	LICENCE	FILE NAME	VERSION	QUANTITY
OpenSource LowTech.org	 OPEN SOURCE ECOLOGY GERMANY	CERN-OHL		1.0	
			SCALE	SHEET	DATE
				3 / 15	8/12/2020