

Print Settings

Nozzle size 0.4mm

120:13 115.54 979 29.41

Description	Part Number	Part Name	QTY	Mat.	Print Settings						Piece part			Per Set				
					Layer Height (mm)	Shell thickness (mm)	Bottom/Top Thickness (mm)	Fill Density (%)	Print Speed (mm/s)	Support type	Print Length (hh:mm)	Print Length (meters)	Print Weight (grams)	Print Length (hh:mm)2	Print Length (meters)3	Print Weight (grams)4	Cost of Material (£)	
PT_100_02 3dPower Turbine	PT_100_02	3dPower Turbine																
PT_100_02 3dPower Turbine	PP_0001_01	Shaft Nut	1	PLA	0.1	0.8	1.2	100	20	None	00:54	0.38	3	00:54	0.38	3	0.10	
PT_100_02 3dPower Turbine	PP_0004_01	Ring	1	PLA	0.1	1.2	1.2	50	50	None	01:39	1.08	9	01:39	1.08	9	0.27	
PT_100_02 3dPower Turbine	PP_0005_01	Tail Fin Body	1	PLA	0.2	0.8	1.2	30	50	None	03:42	3.31	28	03:42	3.31	28	0.83	
PT_100_02 3dPower Turbine	PP_0006_01	Tail Fin Aerofoil	2	PLA	0.1	0.8	1.2	30	50	30 Brim	03:32	2.55	21	07:04	5.10	43	1.28	
PT_100_02 3dPower Turbine	PP_0007_01	Nacelle	1	PLA	0.3	0.8	1.2	15	50	None	02:42	5.74	64	02:42	5.74	64	1.92	
AS_1000_02 Tower Assembly	AS_1000_02	Tower Assembly																
AS_1000_02 Tower Assembly	PP_1001_01	Tower Footer	1	PLA	0.3	0.8	1.2	30	50	None	03:52	8.11	68	03:52	8.11	68	2.03	
AS_1000_02 Tower Assembly	PP_1004_01	Cage	1	PLA	0.1	0.8	1.2	30	50	None	01:21	0.96	8	01:21	0.96	8	0.24	
AS_1000_02 Tower Assembly	PP_1005_01	Inner Race	1	PLA	0.1	0.8	1.2	30	50	None	01:30	1.03	9	01:30	1.03	9	0.26	
AS_1000_02 Tower Assembly	PP_1006_01	Outer Race Sleeve	1	PLA	0.3	0.8	1.2	30	50	None	01:24	2.50	21	01:24	2.50	21	0.63	
AS_1000_02 Tower Assembly	PP_1007_01	Outer Race	1	PLA	0.1	0.8	1.2	30	50	None	03:29	2.54	21	03:29	2.54	21	0.64	
AS_1000_02 Tower Assembly	PP_1008_01	Roller	8	PLA	0.1	0.8	1.2	30	20	None	00:15	0.70	6	02:00	5.60	47	1.40	
AS_1000_02 Tower Assembly	PP_1009_01	Tower Shaft	1	PLA	0.1	0.8	1.2	50	50	None	02:58	2.24	19	02:58	2.24	19	0.56	
AS_1000_02 Tower Assembly	PP_1010_01	Cable Support	1	PLA	0.1	0.8	1.2	15	50	None	00:52	0.65	5	00:52	0.65	5	0.16	
AS_2000_01 Structure Assembly	AS_2000_01	Structure Assembly																
AS_2000_01 Structure Assembly	PP_2001_01	Structure	1	PLA	0.3	0.8	1.2	30	50	None	05:40	11.01	92	05:40	11.01	92	2.75	
AS_2000_01 Structure Assembly	CP_6001_01	M6 Nut	1															
AS_3000_01 Rotor Assembly	AS_3000_01	Rotor Assembly																
AS_3000_01 Rotor Assembly	PP_3001_01	Disc	1	PLA	0.2	1.2	1.2	50	50	None	06:16	8.83	74	06:16	8.83	74	2.21	
AS_3000_01 Rotor Assembly	PP_3002_01	Crank	3	PLA	0.1	0.8	1.2	100	50	None	00:23	0.22	2	01:09	0.66	6	0.17	
AS_3000_01 Rotor Assembly	PP_3003_01	Pitch Arm	3	PLA	0.1	0.8	1.2	100	50	None	00:12	0.12	1	00:36	0.36	3	0.09	
AS_3000_01 Rotor Assembly	PP_3004_01	Piston	1	PLA	0.1	0.8	1.2	30	50	None	01:49	1.29	11	01:49	1.29	11	0.32	
AS_3000_01 Rotor Assembly	PP_3005_01	Piston Cover	1	PLA	0.1	0.8	1.2	100	50	None	01:11	0.82	7	01:11	0.82	7	0.21	
AS_3000_01 Rotor Assembly	PP_3006_01	Nose Cone	1	PLA	0.1	0.8	1.2	100	50	Touching BP	07:13	4.93	41	07:13	4.93	41	1.23	
AS_3000_01 Rotor Assembly	PP_3007_01	Nose Cone Tip	1	PLA	0.1	0.8	1.2	100	20	Touching BP	00:30	0.34	3	00:30	0.34	3	0.09	
AS_3000_01 Rotor Assembly	PP_3008_01	Shaft	1	PLA	0.1	0.8	1.2	30	50	None	06:00	4.47	37	06:00	4.47	37	1.12	
AS_3000_01 Rotor Assembly	PP_3009_01	Shaft Shroud	1	PLA	0.2	0.8	1.2	15	50	None	01:22	1.61	13	01:22	1.61	13	0.40	
AS_3000_01 Rotor Assembly	PP_3010_01	Blade Setting Ring	3	PLA	0.1	0.8	1.2	50	50	None	01:25	1.09	9	04:15	3.27	27	0.82	
AS_4000_01 Generator Assembly	AS_4000_01	Generator Assembly																
AS_4000_01 Generator Assembly	PP_4010_01	Star Coupler	1	PLA	0.1	0.8	1.2	100	50	None	00:38	0.37	3	00:38	0.37	3	0.09	
AS_4000_01 Generator Assembly	PP_4011_01	Coupler	2	PLA	0.1	0.8	1.2	100	20	None	00:57	0.77	6	01:54	1.54	13	0.39	
AS_4000_01 Generator Assembly	PP_4003_01	NEMA17 Adaptor	1	PLA	0.1	0.8	1.2	30	50	None	01:52	1.47	12	01:52	1.47	12	0.38	
AS_4000_01 Generator Assembly	PP_4012_01	Generator Interface	1	PLA	0.1	0.8	1.2	100	50	None	00:14	0.12	1	00:14	0.12	1	0.03	
AS_4000_01 Generator Assembly	PP_4013_01	Shaft Interface	1	PLA	0.1	0.8	1.2	100	50	None	01:15	0.16	1	01:15	0.16	1	0.04	
AS_6000_01 Electronics Assembly	AS_6000_01	Electronics Assembly																
AS_6000_01 Electronics Assembly	PP_6001_01	Electronics Panel	1	PLA	0.2	0.8	1.2	30	50	None	01:31	1.93	16	01:31	1.93	16	0.50	
AS_5000_01 Rotor Assembly	AS_5000_01	Blade Assembly																
AS_5000_01 Rotor Assembly	PP_5002_01	Pitch Weight	3	PLA	0.1	0.8	1.2	100	50	None	00:23	0.31	3	01:09	0.93	8	0.23	
AS_5000_01 Rotor Assembly	PP_5011_01	Blade MKIII Bottom	3	PLA	0.1	1.2	1.2	30	50	Brim (30)	09:26	7.38	62	04:18	22.14	185	5.54	
AS_5000_01 Rotor Assembly	PP_5012_01	Blade MKIII Top	3	PLA	0.1	1.2	1.2	30	50	Brim (30)	04:38	3.35	28	13:54	10.05	84	2.51	