

# DECISION CHARTS

Subsystem kits	MYOB CODE	Construction Process							Hours to construct
		Solder	Mechanical	Electrical	Electronic	PCB	Programmable	Alternative Energy	
Controller	CONTROLLER	•	•	•	•	•	•		30
Front Wheel & Steering	FRONT		•						-
Generator Output Monitor	GOM	•		•	•	•			2-3
Infra-Red Control Unit – 6 Band With Assembled PCBs	IRCU with PCBIR6-A	•	•	•	•	ASM			4-6
Infra-Red Control Unit – 6 Band With Unassembled PCBs	IRCU with PCBIR6-UN	•	•	•	•	UN			6-8
Motor Speed Controller	MSC	•		•	•	•			2-4
OLED Module	OLED	•		•	•	•	•		2-4
PCB-Reverse and IC L293MC Set	REVDRIVE	•		•	•	•			1-2
Radio Controlled Unit With Assembled PCBs	RCU with PCBRCRT-A	•		•	•	ASM	•		2-5
Radio Controlled Unit With Unassembled PCBs	RCU with PCBRCRT-UN	•		•	•	UN	•		5-10
Reverse PCB Kit	REVPCB	•		•	•	•	•		1
Picaxe 08M2 Solar Panel Power Controller	PICSPPC08M2	•		•	•	UN	•		3-5
Solar Panel Power Controller (Low Voltage)	SPPCL	•	•	•	•			•	3-5
Solar Panel Power Controller (Standard Voltage)	SPPCS	•	•	•	•			•	3-5

Subsystem - Gearboxes	MYOB CODE			TECHNICAL INFO						
		Requires Assembly	Assembled	Motor	1 <sup>st</sup> Ratio	2 <sup>nd</sup> Ratio	3 <sup>rd</sup> Ratio	4 <sup>th</sup> Ratio	5 <sup>th</sup> Ratio	6 <sup>th</sup> Ratio
Basic Gearbox & Motor	GBASIC	•		MOT17	50:12	21:12				
Four Ratio Gearbox (Changeable)	GFOUR		•	3.0 v	1:12	1:32	1:84	1:236		
Gearbox (Bubble Version)	GBOXVBUBM		•	MOT22	1:290	-	-	-		
Gearbox (Jouster Version)	GBOXVJOUR		•	MOT22	1:22	1:48	-	-		
Gearbox & Motor / Generator Kit	GRED	•		GENDC	-	-	-	60:1		
Intermediate Gearbox Kit	GINTER	•		MOT17	1:4	1:16	1:64	1:256		
Multi-Ratio Advanced Gearbox Kit	GADVAN	•		MOT17 or MOT30	1:15	1:18	1:64	1:228		
Multi-Ratio Gearbox	GMULTI	•		MOT17 or MOT30	1:15	1:25	1:125	1:1625		
Shallow Gearbox	GSHALL	•		MOT17	1:30	1:125	-	-		
Two Ratio Gearbox Kit	GTWOR		•	MOT17	1:5	1:25	-	-		
Versatile Gearbox Kit - 6 SPEED	GVERS6	•		MOT22	1:22	1:48	1:88	1:192	1:242	1:290
Wind Up Clockwork Mechanism	BUGBOX		•	-	-	-	-	-		