**POWER CHARTING OF COMPONENTS USED**

**MAIN MOTOR ( TWO QUANTITY)**

**TR50-55A 400kv Brushless Outrunner (Eq.4120/18)**

**Spec.**TR-55A  
**Max Eff**: 50A  
**Max Load:**68A  
**Kv**: 400

**Weight**: 300gr  
**Pull** : 1900~4000gr  
**Prop Size**: 14x9 or 13x8  
**Voltage Range :** 10~22v  
**Load Current:** 2.7A  
**Shaft**: 8mm  
**Power equivalent :** .40 to .60 glow engine

Use this motor with 4-6 cell Li-Poly packs and 13-14 inch props on planes up to 7 lbs flying weight.  
Manufacturer suggests a 13 x 8 prop on 6 cells or 14 x 9 on 4 cells.   
  
Similar to AXi GOld 4120/18, E-Flite Power 60.   
Roughly equivalent to .46 2-stroke or .65 4-stroke glow engines.

PRODUCT ID: TR50-55A-400

PRICE:$2\*29.9=$59.98

**PROPELLER (TWO QUANTITY)**

# NEW Master Airscrew 14x8 K Series G/F Nylon Propeller MA1480 NIB

**PRICE:$2\*5.29=$10.58**

**SERVO (TWO QUANTITY)**

Corona DS-319MG Digital Metal Gear Servo 4kg/ 34g/ 0.06sec  
Digital with MOSFET drive

Model: DS-319MG    
Operating Voltage: 4.8V / 6.0V  
Operating Current: 300mA / 400mA  
Operating Speed: 0.07sec.60º/ 0.06sec.60º  
Stall Torque: 3.2kg.cm / 4kg.cm  
Size: 32.5 x 17 x 34.5mm  
Weight: 34g (inc wire **and plug)**Dead Band: **≤3uSec**  
Operating Travel: **40º/one side pulse traveling 400us**  
Potentiometer:**5 slider/indirect Drive**  
Ball bearing: **MR106**  
Gear: **Metal**Connector wire: **300mm**  
Operating Temperature Range: **-20°c + 60°c**

PRODUCT ID: 014000010

PRICE:2\*$9.75=$19.5

**BATTERY(10S2P 7000mAh)**

1.TWO 37V 1.5 A BATTERY

PL-703562

WEIGHT=2\*425.5g=851g

2. ONE 37V 4000mAh BATTERY

PL-6050140

WEIGHT: 850g

PRICE:75+266=$341

**RC TRANSMITTER AND RECEIVER:**

**HobbyKing 2.4Ghz 6Ch Tx & Rx V2**

**Key Features;**6-channel 2.4GHz transmitter with servo reversing.  
Easy to use control for basic models.  
Includes 6-channel receiver   
Trainer system option.  
This system must be programmed via PC cable.

**Included;**  
1 x 2.4Ghz transmitter  
1 x 2.4Ghz Receiver  
1 x Bind Plug.

PRICE:$25.07

### ****CAMERA,RECEIVER AND TRANSMITTER:****

### 

### 12 Channel 900Mhz Tx/Rx video system with CCD camera

### ****Included.****

### 1 x SONY CCD 1/3inch Camera 1 x 900Mhz  4 channel Video Transmitter (200mW)

### 1 x 900Mhz  12 channel Video Receiver

### ****Camera spec.****

### CCD sensor type: ****1/3 color SONY CCD****    Pixel: ****500(H)\*582(V) (PAL)**** Scanning system: ****Interlaced scanning**** Synchronization System: ****Internal synchronization**** Horizontal resolution: ****420TV line****    Minimum Illumination ****0.01LUX/F1.2**** DSP+CCD: ****CXD3142R+405AK****  S/N Ratio: ****48dB****    Gamma Modification: ****0.45****    White balance: ****Auto**** Auto backlight compensation: ****Auto**** Lens: ****3.6MM**** Audio: ****No**** Input voltage: ****9~12.6V****  Electric current ****80MA****  Electronic Shutter: ****1/50 (60) ~ 1/100,000s****    Video output: ****1.0VP-P composite video****    Operation Temp.: ****-20~50**** Size: ****38 x 38mm****  Flight time: ****Approx 60min/100mah 3S****

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### ****FPV**** ****Tx**** ****Spec.**** Channel: ****4-Ch, AV synchronization****

### Power: ****200mW**** Input voltage: ****12V**** Weight: ****18g****

### Size: ****31x88x8mm**** Frequency: ****0.9G 0.910G,0.980G,1.010G,1.040G****

### PRODUCT ID: CP20012RX4T

WEIGHT:409g

PRICE:$50.38

**GPS,OSD,FLIGHT STABILIZATION,AUTONOMOUS NAVIGATION**

**Arkbird Autopilot System w/OSD ALL IN ONE SOLUTION**

**Features:**• GPS, barometer and attitude sensors to stabilize/control your model's flight  
• Integrated OSD functionality  
• GPS based "Return to Home" functionality  
• 4 point GPS waypoint flight  
• "Cruise Flight" mode offering straight and level flight pattern holding  
• Auto-leveling  
• Easy to setup and adjust

**Specs:  
Arkbird Autopilot controller**Dimensions: **50x38x14mm**Weight:**26.5g  
  
Gstar R-15E GPS module**Dimensions:**44x34x12mm**Weight:**19g   
  
Includes:**Arkbird Autopilot System w/OSD  
GPS module  
Current sensor  
All necessary connection cables

### PRODUCT ID: 421000001

### WEIGHT:125g

### PRICE:$150.99

### BATTERY ELIMINATION CIRCUIT (UBEC):

### TURNIGY 5-7A WITH NOISE REDUCTION

### ****Spec**.** Output (Constant): 5v/5A or 6v/5A Input: 8v-42v (3-10cell lipo) High Voltage Size: 48x27x9mm Weight: 37g Quiescent current: 20mA Type: Switching.

### PRICE:$15

### WEIGHT:69g

1. **Turnigy 5A SBEC(two quantity)**

### Type: Switching

### Input protection: Reverse polarity protection

### Output (Constant): 5v/5A or 6v/5A Input: 8v-40v (2-10cell lipo)  Weight: 21g

### Unit comes with full instructions.

### PRODUCT ID: SBEC-40V

### Price:$10.44

### Weight:42g

### Electronic speed controller(opto) two quantity:

### HobbyKing Red Brick ESC

### **Specs.** Max Amps: **70A** Ubec: **Nil** Cells: **2~7s** **Lipoly** Size: **84mm x 14mm 40mm** Weight: **64g (Inc Wires)**

### **Price:$30.88**

### **Weight:128g**

### ****DC TO DC CONVERTER-SWITCHING TYPE:****

### 

### **WATERPROOF DC-DC CONVERTER REGULATOR.**

### **SPEC:**

### **12-40V STEP DOWN TO 12V 100W**

### **PRICE:$11.96**

### **WEIGHT:50g**

### ****SUMMARY:****

### **NET COST: $725.78**

### **ROUGHLY: 4OK RUPEES**

### **NET WEIGHT: 3188.00g**

### **MAIN MOTORS THRUST: 6355.00g**