

Solar Power Cube Bill Of Materials

| Qty | Part Number | Description | Source | Unit Price | Price |
|--------------|------------------------|--|----------------------|------------|-----------------|
| 1 | 1/8" x 1" x 1" - 14 ft | Angle Iron | Local Steel Supplier | \$13.60 | \$13.60 |
| 1 | 1/8" x 4" x 4" | Flat bar | Local Steel Supplier | \$1.00 | \$1.00 |
| 1 | ? | 3/8" NPTM to 3/8" NPTM Nipple 6" | Local Hardware Store | \$3.25 | \$3.25 |
| 1 | ? | 3/8" NPTM to 3/8" NPTM Nipple 2" | Local Hardware Store | \$2.91 | \$2.91 |
| 1 | | 3/4" NPTF plug | Local Hardware Store | \$0.50 | \$0.50 |
| 2 | | Pan head screw: m4.5 x 20mm | Local Hardware Store | \$0.50 | \$1.00 |
| 1 | | Flathead Screw: 1/4" x 3/4" | Local Hardware Store | \$0.50 | \$0.50 |
| 2 | | Hex Bolt: 1/4" x 3/4" | Local Hardware Store | \$0.00 | \$0.00 |
| 5 | | Nut, 1/4", Locking | Local Hardware Store | \$0.00 | \$0.00 |
| 2 | | Flat washer, 1/4" | Local Hardware Store | \$0.75 | \$1.50 |
| 1 | | Teflon Tape, roll | Local Hardware Store | \$1.90 | \$1.90 |
| 1 | | Barrel crimp connectors, package | Local Hardware Store | \$2.50 | \$2.50 |
| 1 | 9-7291 | Oil Filter | SurplusCenter | \$11.95 | \$11.95 |
| 1 | 9-5504-6-6 | 3/8" NPTF to 3/8" NPTF 90 ELBOW | SurplusCenter | \$2.30 | \$2.30 |
| 4 | 9-5502-6-6 | 3/8" NPTM to 3/8" NPTF 90 ELBOW | SurplusCenter | \$2.75 | \$11.00 |
| 1 | 9-5404-6-6 | 3/8" NPT HEX NIPPLE | SurplusCenter | \$1.35 | \$1.35 |
| 1 | 928-C | 3/4" QUICK COUPLER S40-6 | SurplusCenter | \$26.55 | \$26.55 |
| 3 | 9-5406-12-6 | 3/4" NPT TO 3/8" NPT Bushing | SurplusCenter | \$2.45 | \$7.35 |
| 1 | 9-7549 | 2 GPM SHAFT DRIVE HYD POWER UNIT | SurplusCenter | \$109.95 | \$109.95 |
| 1 | MY1020z | 450W 36V DC electric motor gear reduction | ebay.com | \$87.05 | \$87.05 |
| 1 | P36T5/40-2 | 36T5/40-2 Aluminum 40 Tooth Pulley | Polybelt.com | \$24.78 | \$24.78 |
| 1 | PBT5-20-160A | T5-20 Pulley Bar Stock Aluminum | Polybelt.com | \$33.39 | \$33.39 |
| 1 | B25T5/390FPS | 25T5/390 Polyurethane Steel Timing Belt 78 Tooth | Polybelt.com | \$14.39 | \$14.39 |
| Total | | | | | \$358.72 |