

Charger Bill of Materials

Qty	McMaster Part	Description	Unit Price	Total Price
6	7715T14	12 Gauge Stranded Black THHN hook-up wire	\$0.35	\$2.10
6	7715T14	12 Gauge Stranded Red THHN hook-up wire	\$0.35	\$2.10
6	7715T13	14 Gauge Stranded Green THHN hook-up wire	\$0.23	\$1.38
2	91280A324	M6x12 Hex Head bolt	\$0.08	\$0.16
4	91166A250	M6 Flat Washer	\$0.02	\$0.10
2	91202A234	M6 Lock Washer	\$0.03	\$0.06
2	90591A151	M6 Nut	\$0.02	\$0.05

Qty	Mouser Part	Description	Unit Price	Total Price
2	571-35492	Insulated Ring Terminals 12-10 AWG #1/4 (M6)	\$0.42	\$0.84
1	879-4827G6-BK	PPMX 2-PIECE BLACK HOUSING	\$1.08	\$1.08
2	879-4802G3	PPMX SOCKET CONTACT 20-24 AWG	\$1.57	\$3.14
2	879-4803G3	PPMX PIN CONTACT 20-24 AWG	\$1.42	\$2.84
1	879-1827GA-BK	PP15/45 30A GROUND HOUSING GREEN	\$0.47	\$0.47
1	879-1327FP-BK	PP15/45 FINGERPROOF HOUSING RED	\$0.40	\$0.40
1	879-1327G6FP-BK	PP15/45 FINGERPROOF HOUSING BLACK	\$0.34	\$0.34
1	879-1461G1-BK	PP PAK 2-4P HSG-PLUG NO LATCH	\$0.70	\$0.70
2	879-1460G1-BK	PP PAK 2-4P HSG-PLUG W/LATCH	\$0.70	\$1.40
1	566-C501106010	24AWG 4PR SOLID 10ft CORD LT.BLUE	\$7.72	\$7.72

Qty	Mouser Part	Description	Unit Price	Total Price
1	GENH30-25V	Genesys .5U 750W, 30V/25A DC Power Supply	\$1,440.00	\$1,440.00

Total **\$1,464.87**

Total: **\$2,929.75**