

# ARESCC Go-Kit 1.0

Rev C

<u>Qty</u>	<u>Description</u>	<u>Est. Cost</u>	<u>Source</u>	<u>PN/SKU/Search Phrase</u>
<b><u>Basic Go-Kit with Radio Only</u></b>				
1	Craftsman VersaStack Tool Case	\$36.00	Lowe's	1048637
1	SO239 Bulkhead to PL259 RF Cable, 1ft	\$10.53	Ebay	"RG58 PL259 UHF Male to SO239"
1	DC Step-up Booster, 12V to 13.8V 20A 276W	\$39.00	Ebay	"20A 276W"
1	Misc. Machine screws/hardware	\$2.00	Ace Hardware	
2	Battery Voltage/Current Indicator	\$25.00	Amazon	"Precision Watt Meter"
1	Misc. PowerPole connectors	\$6.00	PowerWerx	
1	2 Meter Radio: Yaesu FT-7800R/7900R	\$275.00	Ebay	"FT-7800" or "FT-7900"
		<u>\$393.53</u>		
<b><u>15AH Bioenno Battery Option</u></b>				
1	15AH LiFePO4 Battery with PowerPole Conn.	\$165.00	Powerwerx	BLF-1215A
1	Battery Charger, 4A for above Battery	\$30.00	Powerwerx	BPC-1504DC
1	Aluminum Right Angle Bracket, 1.5" x 1.5"	\$5.00	Ace	1.5" x1.5"
		<u>\$200.00</u>		
<b><u>20AH Bioenno Battery Option</u></b>				
1	20AH LiFePO4 Battery with PowerPole Conn.	\$220.00	Powerwerx	BLF-1220A
1	Battery Charger, 4A for above Battery	\$30.00	Powerwerx	BPC-1504DC
1	Aluminum Right Angle Bracket, 1.5" x 1.5"	\$5.00	Ace	1.5" x1.5"
		<u>\$255.00</u>		
<b><u>1/4 Wave Mag Mount Antenna Option</u></b>				
1	3" Magnet Mount with NMO with 16.4ft RG58, PL259	\$27.99	Amazon	"HYS TC-MB90 NMO"
1	1/4 wave 2-meter NMO Antenna Base (includes whip)	\$30.60	Amazon	"NMOQ"
1	Optional: #12 Black Wire, 19-1/4 inches	\$0.00	Ace	
		<u>\$58.59</u>		
<b><u>5/8 Wave Mag Mount Antenna Option</u></b>				
1	5" Magnet Mount with NMO with 17ft RG58A, PL259	\$37.99	Amazon	"1265R"
1	5/8 wave 2-meter NMO Antenna Base, with 49" Whip	\$48.34	Amazon	"NMO150C"
		<u>\$86.33</u>		
<b><u>Misc. Optional Parts</u></b>				
	Spare 55" Stainless Steel Whips	\$13.19	Mouser Electronics	RO55T
	12" Bolt Cutter to cut Stainless Steel Whips to length	\$7.99	Harbor Freight	SKU 60677
	SO-239 UHF Female to SMA Male, 6" adapter cable, 2-pack	\$6.98	Amazon	"Cable SMA Male to UHF SO-239"
	SMA Female to SMA Female Adapter for Baofeng, 2-Pack	\$7.49	Amazon	"2-Pack SMA Female to SMA Female"
	15"x21" Mega Cookie Sheet Ground Plane	\$17.99	Target	"Wilton 15"x21" Mega Cookie Sheet"

## **Estimated Cost of Typical Configurations with Options**

Basic Go-Kit with 15AH Battery and 1/4 wave Antenna	\$652.12
Basic Go-Kit with 20AH Battery and 1/4 wave Antenna	\$707.12
Basic Go-Kit with 15AH Battery and 5/8 wave Antenna	\$679.86
Basic Go-Kit with 20AH Battery and 5/8 wave Antenna	\$734.86

If you find any errors or have questions please email Rob Timm, KB0JL at robtm4@gmail.com