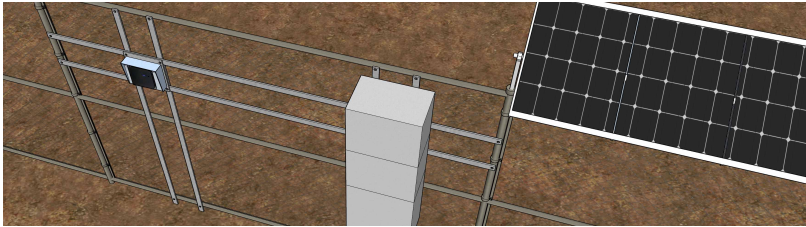



















# BUNGE 'Flash' – Avondale, LA













## Solar-Powered Rally Station



### System Supplies and Materials

#	Product or service	Description	Qty	
1.	Supplies and Materials	Solar Module - REC Solar, Alpha PURE Series 390W PV Module, 132 half-cut Bifacial heterojunction cells, Vmp: 40.6, Imp: 9.61, Voc: 48.4, Isc: 10.38, 71.7" x 40" x 1.2 (30mm), 45 lbs *MUST SHIP FREIGHT*	4	
2.	Supplies and Materials	Inverter - Victron MultiPlus inverter & charger. 2000 Watts, 24 Volts DC, 120 Volts AC, 50 Amp charger, VE.Bus. Article code: PMP242200100	1	
3.	Supplies and Materials	Charge Controller - Victron SmartSolar MPPT 250/60-Tr solar charge controller. 12, 24, 36, 48 Volts DC, 60 Amps max.... Article code: SCC125060221..	1	
4.	Supplies and Materials	Battery - Discover energy AES professional 1.5kWh 25.6V 60AH with heating, on/off Key, LYNK COMM PORT. 10.2" x 7.1" x 10.1", 30.7 lbs.	2	
5.	Supplies and Materials	Ameresco Solar BBA-6 solar battery box, holds 6 group 27 batteries, NEMA 3R,4 and 4X. 40.12" x 25.25" x 17.125", 61 lbs.	1	

6.	<b>Supplies and Materials</b>	End clamp for PGRM mount. Made for 3" SCH40 pipe	2	
7.	<b>Supplies and Materials</b>	Mid Clamp for PGRM mount. Made for 3" SCH40 pipe	2	
8.	<b>Supplies and Materials</b>	IMO SI32-PEL64R-4 True DC Solar Isolator, Enclosed DC Switch IP66	1	
9.	<b>Supplies and Materials</b>	This 1/2 in 1000V Heyco Strain Relief accepts two 6mm PV wires. Nut is included.	1	
10.	<b>Supplies and Materials</b>	MidNite Solar surge protector for DC circuits. Rated for 300 volts DC nominal and 250 volts AC nominal.	1	
11.	<b>Supplies and Materials</b>	MidNite Solar surge protector for AC circuits. Rated for 250 volts AC nominal and 300 volts DC nominal.	1	
12.	<b>Supplies and Materials</b>	Discover Energy Systems 950-0040 LYNK LITE Communication Gateway intended to work with AES PROFESSIONAL (DLP) batteries. Doesn't work with AES RACKMOUNT.	1	
13.	<b>Supplies and Materials</b>	50 ft. MC4 Solarline 2 (latching) extender cable, 10 AWG, Male to Female, 2kV single jacket 1kV rated connectors.	1	
14.	<b>Supplies and Materials</b>	Bussmann MRCB breaker 100 amp DC 12-48 volts w/switch..(48 volt MAX)	1	
15.	<b>Supplies and Materials</b>	Bussmann MRCB breaker 150 amp DC 12-48 volts w/switch	1	
16.	<b>Supplies and Materials</b>	#2 AWG UL MTW CABLE, Stranded Copper Wire, BLACK	12	
17.	<b>Supplies and Materials</b>	#2 AWG UL MTW CABLE, Stranded Copper Wire, RED	12	

18.	Supplies and Materials	#2 x 5/16" stud ring connector tinned copper	4	
19.	Supplies and Materials	#2 x 3/8" stud ring connector tinned copper	10	
20.	Supplies and Materials	Heat Shrink for #4 AWG, 1.5 inch long, black. UL listed.	4	
21.	Supplies and Materials	Heat Shrink for #4 AWG, 1.5 inch long, Red UL listed.	8	
22.	Supplies and Materials	RJ45 UTP Cable 0.9 m ..Network cable for VE.Can, VE.Bus, VE.net..Article code: ASS030064920	3	
23.	Supplies and Materials	Interface MK3-USB (VE.Bus to USB)..Article code: ASS030140000	1	
24.	Supplies and Materials	Cerbo GX - operates as the communication-center of your installation. Cerbo-S does not include BMS-Can port, tank or temperature sense inputs. Dimensions: 6.07" x 3.08" x 1.9" Article code: BPP900450120	1	
25.	Supplies and Materials	Discover networking accessories DLP CONNECTOR KIT 0.4M CABLE + T -DLP 0.4M cable + battery T connector kit	1	
26.	Supplies and Materials	Discover networking accessories DLP COMM CABLE 25'/7.6M NEMA (HOMERUN) - DLP 7.6m battery interconnect network cables	1	
27.	Supplies and Materials	KT2 - Two-Reader Controller, Enclosure, Battery and Power Supply Kit	1	
28.	Supplies and Materials	HID ProxPoint Plus 6005 Proximity Card Reader	1	
29.	Supplies and Materials	EnGenius Wireless Bridge ENH500AX 5-Mile Radius WIFI communication weatherproof, pole mounted	1	
30.	Supplies and Materials	Card Reader Mounting Box, Steel with Space for Reader Wires, Tamper-Proof Screws	1	