

	QTY	AMS PN	Description
SOLAR CHARGING	4	SOLAR-ZS170	Solar Panel Z170
	2	SOLAR-ZS90	Solar Panel Z90
	6	91M-35MZ	Mount Set - 35mm Zamp
	6	92C-PREP	Panel Prep Kit
	90	CABLE-10GA-2-GRY	Duplex-10/2
	6	92C-ROOF	Roof Wire Harness Acc. Kit
	1	20-ROOF	Roof Combiner Box
	3	SEAL-SKF	Sikaflex 221
	1	CCTLR-VT-MPPS-085A	Victron BlueSolar Smart MPPT 150/85-Tr (85A)
	30	CABLE-2GA-2-GRY	Duplex-2/2
	1	92C-INTR	Interior Wire Harness Acc. Kit
	1	93B-100A	100 Amp DC Brkr. w/Screws
	1	93T-POS-2GA	2ga Brkr Pos Term Kit
	1	93T-NEG-2GA	2ga Negative Terminal Kit
	1	93S-MINI	Switch-Mini On/Off w/Screws
	2	LUG-2GA-RING-3/8	2 ga. Lug-3/8" Ring
	3	HS-RED-HD-1/2	Heat Shrink 1/2" Red
BATTERY	1	MONITOR-VTBMV-S	Victron Battery Monitor BMV-712 Smart
	1	TEMP-VTBMV	Victron Temperature sensor for BMV-700 series
	1	BATTBMS-VTLYNX	Lynx Distributor
	1	BATTBMS-VT-BUS	VE Bus BMS
	1	FUSE-MEGA-250A	MEGA-FUSE 250A/32V 5 Pack
	1	CABLE-VT-RJ45-3	RJ45 UTP Cable 3 m
	2	RELAY-VTBP	BatteryProtect 12/24V-100A
	1	BATTBMS-AMSLB	AMS Lithium Control Board
	1	TEMP-BS	Blue Sky Temperature Sensor
	1	RELAY-EV20	Lithium, EV200 Relay
	1	93S-MINI	Switch-Mini On/OFF with Screws
	1	93F-ATC-015A	15A ATC Fuse Kit
	1	93P-RED	Junction Post Kit Positive
	1	93P-BLK	Junction Post Kit Negative
	6	FSTSCW-1034Z	Screw-#10x1" SQ DR TEK SS
	4	FSTSCW-1058SS	Screw-#10x5/8" PHP SMS SS
	6	CABLE-4/0-1-BLK	Cable 4/0
	27	CABLE-18GA-2-GRY	Duplex-18/2
	30	CABLE-18GA-1-YLW	18 ga. Yellow Wire
	6	CABLE-2GA-1-RED	Cable-2 ga. Red
	1	CABLE-VT-M8-1	Victron M8 circular connector M/F 3 pole cable 1m
	8	LUG-4/0-RING-3/8	4/0 Lug-3/8" Ring
	6	LUG-2GA-RING-3/8	2 ga. Lug-3/8" Ring
	1	LUG-18GA-RING-BR	18-22 ga. Ring Bare
	2	SPLICE-18-BUTT-HS	18-22 ga. Butt-HS
	4	FSTSCW-612	Screw-#6x1/2" PHP BLK OX
	4	93H-B3/4	Heat Shrink Black 1.5" x 3/4"
	4	93H-R3/4	Heat Shrink Red 1.5" x 3/4"
	6	HS-BLK-DWALL-3/16	Heat Shrink 3/16" Black - Cut into twelve 1/2" pieces
	6	HS-RED-HD-1/2	Heat Shrink 1/2" Red
	2	BATTLI-VT-300	VE LiFePO4 Smart Batt 12.8V/300Ah
	12	CABLE-2/0-1-BLK	Cable 2/0
	8	LUG-2/0-RING-3/8	2/0 Lug-3/8" Ring
4	93H-B3/4	Heat Shrink Black 1.5" x 3/4"	
4	93H-R3/4	Heat Shrink Red 1.5" x 3/4"	

	QTY	AMS PN	Description
ALTERNATOR CHARGING	20	CABLE-2/0-1-BLK	Cable-2/0
	30	CABLE-18GA-2-GRY	Duplex-18/2
	1	LUG-18GA-RING-BR	18-22 ga. Ring-Bare
	1	SWITCH-ESSCLD	Essential black momentary switch
	1	PLATE-MOM	Faceplate for Momentary Switch
	4	FSTSCW-612	Screw-#6x1/2" PHP BLK OX
	6	LUG-2/0-RING-3/8	2/0 Lug-3/8" Ring
	1	93B-200A	200 Amp DC Brkr. w/Screws
	2	93H-B3/4	Heat Shrink Black 1.5" x 3/4"
	4	93H-R3/4	Heat Shrink Red 1.5" x 3/4"
AC INPUT & OUTPUT	1	INV-VT-3000	Switch-Mini On/OFF with Screws
	1	MONITOR-VTDM	Stranded 6/3
	1	CABLE-VT-RJ45-5	10-12 ga. Closed End Crimp
	1	CABLE-VT-MK3USB	AC Breaker 15A/15A
	8	LUG-4/0-RING-3/8	AC Breaker 15A/20A
	12	CABLE-4/0-1-BLK	AC Breaker 30A/15A
	6	93H-R3/4	Shore Power Cord, 30A, 25' Locking
	2	93H-B3/4	Power Outlet - 30A - Black
	1	95F-CLST-400A	Midnite Solar Baby DIN Mnt Box
	1	FUSE-CLST-400A	277VAC/30A DIN Mnt Breaker
	1	WIRETIE-05	Sub Panel Brkr. Box-Surface
	1	93S-MINI	Strain Relief 1-1/4"
	25	CABLE-10GA-3-GRY	Strain Relief 3/4"
	2	SPLICE-12-CEC	Romex-14-2
	1	BRKR-AC-BRKR-15/15	15A/125V Outlet
	1	BRKR-AC-BRKR-15/20	Duplex-6/2
	1	BRKR-AC-BRKR-30/15	ST Fuse Block 6 Circuit
	1	CORD-30A-25-L	60A DC Circuit Breaker
	1	OUTLET-30A-B	6 ga. Lug-3/8" Ring
	1	BOX-MSB	Heat Shrink 1/2" Red
	1	BRKR-AC-DIN-277V/30A	Heat Shrink 1/2" Black
	1	BOX-SPBS	6 ga. Lug-1/4" Ring
	1	STRN-S-11/4	10-12 ga. #8 Block Spade-Bare
	2	STRN-S-3/4	12V/USB Outlet
	20	CABLE-14GA-2-WHT	Duplex-10/2 600V
1	OUTLET-15125		
DC LOADS	15	CABLE-6GA-2-GRY	Duplex-6/2
	1	FUSEHLDR-MULT	ST Fuse Block 6 Circuit
	1	BRKR-DC-BRKR-060A	60A DC Circuit Breaker
	4	LUG-6GA-RING-3/8	6 ga. Lug-3/8" Ring
	4	HS-RED-DWALL-1/2	Heat Shrink 1/2" Red (4x 1"pcs)
	2	HS-BLK-DWALL-1/2	Heat Shrink 1/2" Black (2x 1"pcs)
	2	LUG-6GA-RING-1/4	6 ga. Lug-1/4" Ring
	2	LUG-10GA-SPD-8	10-12 ga. #8 Block Spade-Bare
	1	OUTLET-12USB	12V/USB Outlet
	4	FSTSCW-834B	Screw-#8x3/4 OHP BLK OX
10	CABLE-10GA-2-WHT	Duplex-10/2 600V	
4	LUG-10GA-DISC-F	Female Disconnect 10 ga.	



Rev.20180523
 SKOOLIE FULL-TIMER BUS
 Complete Bill of Materials