

## Electrical System Component List

	End Component	Electrical Component	Brand	Link	Notes
12V DC		Lithium Battery	SOK Battery	<a href="#">Amazon</a>	12V 200AH with built-in BMS
		BusBar 4x1/4-20	Blue Sea	<a href="#">Amazon</a>	150 Amp; Maximum Voltage: 300V AC / 48V DC
		Breaker panel	Arterra	<a href="#">amazon</a>	AC Breaker and 15 DC circuits with cover and negative
		Breaker		<a href="#">amazon</a>	30 Amp HOM Breaker
		Master Switch	Nilight	<a href="#">amazon</a>	
		Terminal Fuse	Bay Marine	<a href="#">amazon</a>	250A main and 175A for inverter?
		Circuit Breaker	Bay Marine	<a href="#">amazon</a>	40 AMP to fuse box, 40 AMP before/after solar charger
		Battery Charger	Progressive Dynamics	<a href="#">etrailer</a>	30 AMP
		Switch panel	Nilight 6 gang	<a href="#">amazon</a>	15 AMP breaker each
		Dometic DC 12V socket	Dometic	<a href="#">amazon</a>	
		Battery Monitor	Victron	<a href="#">amazon</a>	
		Wires			
		Connectors			
		External Outlet		<a href="#">amazon</a>	15 Amp outdoor outlet
		Internal Outlet			
		Surge Protector		<a href="#">amazon</a>	EMS
		Water Heater	Girard	<a href="#">amazon</a>	3A, need to buy door as well
		Water Pump	Shurflo	<a href="#">Recpro</a>	7.5AMP, 10 Amp recommended?
	Refrigerator	Dometic CFX55		7.8 AMP	
	Interior Lights	acegoo	<a href="#">amazon</a>	3 watts each	
	Dimmer Switch for interior lights		<a href="#">amazon</a>	7 AMPS, wire guage 18 AWG	
	Reading lights/charger	acegoo	<a href="#">amazon</a>	0.23 AMPS, 3 watts	
	Exterior Side light	Recpro	<a href="#">RecPro</a>	low amp, 6 ft for galley, 12 ft for side, blue with white	
	Cabin Fan	MaxxFan Deluxe	<a href="#">etrailer</a>	5 AMP, part: Item # MA00-06200K	
	bathroom fan	MaxxFan Dome	<a href="#">etrailer</a>	2 AMP, part: MA00-03812W	
	Interior Fan	Sirocco	<a href="#">amazon</a>	.22 AMP	
	Heater	Propex 6,500 BTU	<a href="#">heritage</a>	1.4 AMP	
	Tank Monitor				
120V AC		Inverter	Samlex	<a href="#">Amazon</a>	1000 Watt
	Laptop (rare)				Run off inverter or 120V plug
	Air Conditioning (future, maybe)		Dometic Penguin II		Power consumption 1731 Watt
Charging		Power Inlet	Furrion	<a href="#">Etrailer</a>	30AMP 125V
		Solar Panels		<a href="#">Santan Soli</a>	250W solar panel (\$50 + shipping)
		Charge controller	Victron	<a href="#">amazon</a>	30 AMP solar, 100V input
		Solar port			
		solar cables			
Misc		Dogbone	Camco	<a href="#">amazon</a>	
		30 Amp Extension Cord	Camco	<a href="#">amazon</a>	
		15 Amp Extension Cord		<a href="#">amazon</a>	
		Battery tie down kit			
		Conduit			
		Quick check tool for campground			