

## Equipment list, parts and components referred to during the talk:

**Steve Jensen - KE7GXC**

Dated: April-2008

Rev. 15-March-2009, 27-May-2009, 17-March-2012, 11-August-2014, 12-February-2016

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Rig runner & DCPwr -- power distribution unit:

<http://dcpwr.com/>

[http://www.dcpwr.com/shop/index.php?main\\_page=product\\_info&cPath=2&products\\_id=8](http://www.dcpwr.com/shop/index.php?main_page=product_info&cPath=2&products_id=8)

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Power Splitter one SB-50 Anderson (gray) Connector to four PP30 Anderson Red/Black Connectors

Bag of 25 pairs of PP30 Anderson Red/Black Connectors (also available at HRO - Tigard)

Crimper tool for PP30 Anderson Red/Black Connectors 30 AMP

Gray SB-50 connector -- Housing & Contacts 50 AMP

Crimper tool for PP30 Anderson Red/Black Connectors - standard duty

Die set for SB-50 terminals -- for the heavy duty crimper tool

EZ-Gate \$70.00 -- Schottky diode based electronic power fail-over switch

PWRgate PG-40S \$145.00 -- Schottky diode based electronic power fail-over switch and charger

<http://dcpwr.com/>

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<http://www.batterystuff.com/battery-chargers/12-volt/multi-volt-input/JAC0891-49.html>

Japlar-Schauer 12v 5 Amp Charger JAC0512r Part Number: JAC0891-49

Price: \$79.00 + s/h from Grants Pass to Portland total: \$85.00

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<http://www.batterystuff.com/battery-chargers/12-volt/multi-volt-input/JAC0891-49.html>

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[www.batteriesplus.com](http://www.batteriesplus.com)

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Noco Genius G3500

Allows recharge of the 80-100 Amp hour AGM batteries in 24-30 hours.

Charges flooded, Gel & AGM battery types.

0.9 Amp and 3.5 Amp charging rates. 6 volt and 12 volt batteries.

\$60 from Amazon.

But is a radio "hash" RF noise generator on HF bands.

<http://www.geniuschargers.com/G3500>

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Battery Tender Plus Gel 12V 1.25A Battery Charger - Item number: DBT021-0156

The Battery Tender Plus Gel 12V is a desktop, portable, 1.25 amp battery charger that is designed to fully charge and maintain gel and deep cycle batteries at proper storage voltage without the damaging effects caused by trickle chargers.

Weight: 3 lbs.

Price: \$59.99

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Werker 12 V 80AH AGM Battery W/ Female M6 Terminal - WKA12-80C/FR

Werker AGM batteries are quality tested and inspected to insure the highest standards in performance. This Group 24 Size battery with handle offers speedy connection with a 6mm female threaded terminal and will keep you running throughout the day. Trust Werker AGM batteries.

Weight: 63.43 lbs.

Price: \$184.99

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Trailer tail light used as a current limiter for battery charger:

O'Reilly auto parts

<http://www.oreillyauto.com/site/c/detail/VAL0/30791.oap?keyword=trailer+light+kits>

[http://www.oreillyauto.com/site/c/detail/REE0/73821/N2482.oap?ck=Search\\_trailer+tail+lights\\_-1\\_2529&keyword=trailer+tail+lights](http://www.oreillyauto.com/site/c/detail/REE0/73821/N2482.oap?ck=Search_trailer+tail+lights_-1_2529&keyword=trailer+tail+lights)

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"good" Digital multi-meter

www.radioshack.com

15-Range Digital Multimeter -- \$19.99

Model: 22-810

Catalog #: 22-810

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"cheap" digital multimeter ----- 7 Function Digital Multi-tester - \$5

<http://www.harborfreight.com/7-function-digital-multimeter-90899.html>

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LED strip lighting

Super Bright Leds

866-590-3533

<http://www.superbrightleds.com/moreinfo/aluminum-light-bars/ldf-series-led-linear-light-bar-fixture/1310/>

LFD series linear light fixture with 3020SMD LEDs. Available in 0.45 meter(18.1 in), 0.84 meter(33.07 in), 1 meter(39.3 in), 1.2 meter(46.9 in), and 1.3 meter(51.9 in). Diffused lens creates an even glow with no hot spots. Extruded aluminum housing with screw mounting tabs on both ends. 9 inch power wires with CPS connector. 12VDC operation.

LFD-NW57SMD: Natural White, quantity: 5. price each: \$19.95

Color: "natural" White 4500K, 18" , Diffused lens, \$19.95 each

Current consumption: 340mA @ 12VDC (4 watts)

Part Number: LFD-NW57SMD

UPC: 847781030235

Beam Pattern 100 degree

Water Resistance[1] Non-Weatherproof

LED Type 3020 SMD

Lifetime 40000 Hours

Lumen (Max) 428 Lumen

Material Aluminum

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AGPtek VIPOW T9 13600mAh 12V Auto Car Jump Starter Multifunction Battery Charger Power Bank w/ LED Emergency Light

Price: \$90

<http://www.newegg.com/Product/Product.aspx?Item=9SIA0U01PD3785>

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