

PART LIST

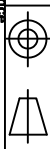
Item	Item Descriptions	Part Number	QTY
1	AC enclosure with panel, din rails, ground terminal bar		1
2	ADESYSTEM Power Supply 420W	CB1235A	1
3	Xytronix X-600M Web-enabled I/O Controller	X-600M4	1
4	Xytronix X-17s, 4 Relay, 4 Input expansion module	X-17s	1
5	Xytronix Expansion Cable, X-600 Series for 1 expansion module	EXP-8U	1
6	Xytronix Temperature probe internal	X-DTS-U	1
7	Xytronix Temperature probe external	X-DTS-SFC	1
8	Chel AC surge protector	DS2-405-120G	1
9	Chel DC surge protector	DS2-20-12DC	1
10	Chel Ethernet surge protector	M18-POE-8	2
11	Eaton breaker 10A	FAZ-CL0-1-NA	1
12	Omnion mechanical relay 6A	G2RW-5Z700-DC12	2
13	Phoenix Contact mechanical relay	UPS714ES-P	1
14	Sourtau circular AC bulkhead	UNSL21ES-0001-190DU	1
15	Sourtau circular I/O lighter bulkhead	851-07EGC-4-12-550	1
16	Sourtau circular external DC load bulkhead	851-07EG8-45W50	1
17	Sourtau circular Ethernet 1 bulkhead	851-07EG8-4550	1
18	Sourtau circular Ethernet 2 bulkhead	851-07EG8-3550	1
19	Sourtau circular Temperature bulkhead		1
20	Sourtau circular External Battery bulkhead	M5S181-8NA	3
21	Sourtau circular size 8 caps		2
22	Sourtau circular size 12 caps		2
23	SpaceGain CAT5e, Shielded, Stranded, 90° down-straight 1ft	EVNLS121ES-0001-190DS	2
24	SpaceGain CAT5e, Shielded, Stranded, 90° down-up 1ft	EVNLS121ES-0001-190DU	1
25	SpaceGain CAT5e, Shielded, Stranded, 90° down-up 6ft	EVNLS121ES-0006-90DU	1
26	SpaceGain CAT5e, Shielded, Stranded, 90° down-up 6ft	EVNLS21ES-0006-90DD	1
27	Erico Fritlec terminal block	569010	2
28	MOLLEX Receptacle Housing	42816-0212	2
29	MOLLEX Contact male	42817	4
30	MOLLEX plug housing	42818-0212	1
31	MOLLEX Contact female	42815	2
32	Din rail end stop	7641K581	10
33	CAMDENBOS TEM BLOCK 4 POS for Cell modem power	CTB9200/4A	1
34	Panduit Disconnect Tab Female Insulated Yellow		2
35	Coax Assy TNC to SMA		1
36	Yellow, wire ferrule 10AWG	30446301	1
37	Red, wire ferrule 18AWG	30445602	2

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Item	Item Descriptions	Part Number	QTY
38	Black, wire ferrule 16AWG	11121015	1
39	White, wire ferrule 22AWG	30445400	34
40	Blue, wire ferrule 18AWG	30445915	15
41	Red, wire ferrule 8AWG	11811100	1
42	Panduit Cable Tie Mount Adhesive	ABMM-A	12
43	Panduit Cable Tie	PT1M	A/R
44	Terminal Block 5 Position for X-600M		1
45	Terminal Block 14 Position for X-17		1
46	Terminal Block 3 Positions for Surge Protector		2
47	Cell Modem Power		1
48	Panduit Terminal Ring	PV14-14R	2
49	14 AWG Wire Green (Belden or Equivalent)	8916-05	A/R
50	14 AWG Wire White (Belden or Equivalent)	8916-09	A/R
51	14 AWG Wire Black (Belden or Equivalent)	8916-10	A/R
52	14 AWG Wire Red (Belden or Equivalent)	8916-02	A/R
53	10 AWG Wire Green (Belden or Equivalent)	9910-05	A/R
54	20 AWG Wire Black (Belden or Equivalent)	9919-10	A/R
55	20 AWG Wire Red (Belden or Equivalent)	9919-02	A/R
56	24 AWG Wire Black (Belden or Equivalent)	9923-10	A/R
57	24 AWG Wire Grey (Belden or Equivalent)	9923-08	A/R
58	24 AWG Wire Brown (Belden or Equivalent)	9923-01	A/R
59	24 AWG Wire Violet (Belden or Equivalent)	9923-07	A/R
60	24 AWG Wire Yellow (Belden or Equivalent)	9923-04	A/R
61	24 AWG Wire Green (Belden or Equivalent)	9923-05	A/R
62	24 AWG Wire Orange (Belden or Equivalent)	9923-03	A/R
63	24 AWG Wire White (Belden or Equivalent)	9923-09	A/R
64	Eaton breaker 30A	FAZ-830/1	1
65	Raychem Adhesive Heatshrink 1/2" Black	DWP-125-1/2-0	1.25"
66	Alpha Heatshrink tubing 1/4" Black	FT-21-1/4-BLK	A/R
67	Alpha Heatshrink tubing 1/4" Red	FT-21-1/4-RD	A/R
68	Alpha Heatshrink tubing 3/32" Black	FT-21-3/32-BLK	A/R
69	24 AWG Wire Red (Belden or Equivalent)	9923-02	A/R
70	Eaton breaker 50A	FAZ-850/1	1
71	10 AWG Wire Black (Belden or Equivalent)	9910-10	A/R
72	10 AWG Wire White (Belden or Equivalent)	9910-09	A/R
73	10 AWG Wire Red (Belden or Equivalent)	9910-02	A/R

TOLERANCE NOTES

1	Unless otherwise specified dimensions are in INCHES.
2	Dimensional tolerances are as shown.
3	Form and fit tolerances are as shown.
4	Finish is as shown.



THIRD ANGLE PROJECTION

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AC High Power System

SCALE N/A

DATE 08/05/2016

Checked

Date

Drawn J. ZHONG

Date 08/05/2016

Checked

Date

REV XI

SHT 2 OF 3