

Item	Item Descriptions	Part Number	QTY
1	AC enclosure with panel, d/n rails, ground terminal bar	DHC-100A	1
2	Mean Well power supply /w UPS100w	X-600M-1	1
3	Xttronix X-600M Web-Enabled I/O Controller	X-17s	1
4	Xttronix X-17s, 4 Relay, 4 Input expansion module	EXPBL	1
5	Xttronix Expansion Cable, X-600Series for 1 expansion module	X-OT5-U	1
6	Xttronix Temperature probe internal	X-OT5-S3C	1
7	Xttronix Temperature probe external	D52405-120/G	1
8	Chel/AC surge protector	D5220-120C	1
9	Chel DC surge protector	M8-90C-B	2
10	Chel Ethernet surge protector	FAZ-810-1-SP	3
11	Eaton breaker 10A	GRV/SI/700-DC12	2
12	Omron mechanical relay/6A	UTS714ESP	1
13	Phoenix contact mechanical relty 16A	851.077C14-12S50	1
14	Souriau circular AC bulkhead	851.077C12-3S50	1
15	Souriau circular Digitaler bulkhead	851.077C8-45H50	1
16	Souriau circular external DC load bulkhead	851.077C8-4550	1
17	Souriau circular Ethernet 1 bulkhead	851.077C8-3S50	1
18	Souriau circular Ethernet 2 bulkhead	851.077C12-2S50	1
19	Souriau circular Temperature bulkhead	M83181-8MA	3
20	Souriau circular External Battery bulkhead	M83181-11NA	2
21	Souriau circular size 12 caps	EVNS121ES-0001-90D5	1
22	Souriau circular size 12 caps	EVNS121ES-0001-90DU	1
23	SpaceGAIN CAT5e Shielded, 90° down-straight 1ft	EVNS121ES-0006-90DU	1
24	SpaceGAIN CAT5e Shielded, 90° down-up 1ft	EVNS121ES-0006-90DD	1
25	SpaceGAIN CAT5e Shielded, 90° down 90° up 6ft	569010	2
26	SpaceGAIN CAT5e Shielded, Stranded, 90° down 90° down 6ft	02-09-2103	2
27	Erico Eriflex terminal block	03-09-2022	4
28	MOLEX PLUG & SOCKET HOUSING, receptacle	7641A381	13
29	MOLEX 02-09-2103 Contact male	03-09-1024	2
30	MOLEX 03-09-2022 PLUG & SOCKET, plug	7641A381	1
31	MOLEX 02-09-1104 Contact female	02-09-1104	13
32	Din rail end stop	03-09-1022	1
33	CAMDENROSS TERM BLOCK, 4 POS for cell modem power	C189200/4A	1
34	Panduit Disconnect 0.25" Tab Female Insulated Blue	DMF14-25OFB	2

Item	Item Descriptions	Part Number	QTY
35	Coax Aery NTC to SMA	30445301	1
36	Yellow, wire ferrule 10AWG	30445602	6
37	Red, wire ferrule 18AWG	30445703	2
38	Black, wire ferrule 16AWG	30445915	1
39	White, wire ferrule 22AWG	11181100	20
40	Blue, wire ferrule 14AWG	ABMMA-A	17
41	Red, wire ferrule 8AWG	PLT1M	4/R
42	Panduit Cable Tie Mount Adhesive		
43	Panduit Cable Tie		
44	Terminal Block 5 Position for X-600M		
45	Terminal Block 14 Position for X-17		
46	Terminal Block 3 Positions for Surge Protector		
47	Cell Modem Power	PV1414R	2
48	Panduit Terminal Ring	891605	4/R
49	14 AWG Wire Green (Beliden or Equivalent)	891609	4/R
50	14 AWG Wire White (Beliden or Equivalent)	891610	4/R
51	14 AWG Wire Black (Beliden or Equivalent)	891602	4/R
52	14 AWG Wire Red (Beliden or Equivalent)	991005	4/R
53	10 AWG Wire Green (Beliden or Equivalent)	991910	4/R
54	10 AWG Wire Red (Beliden or Equivalent)	991902	4/R
55	20 AWG Wire Red (Beliden or Equivalent)	992310	4/R
56	24 AWG Wire Black (Beliden or Equivalent)	992302	4/R
57	24 AWG Wire Red (Beliden or Equivalent)	992306	4/R
58	24 AWG Wire Blue (Beliden or Equivalent)	992308	4/R
59	24 AWG Wire Grey (Beliden or Equivalent)	992301	4/R
60	24 AWG Wire Brown (Beliden or Equivalent)	992307	4/R
61	24 AWG Wire Violet (Beliden or Equivalent)	992304	4/R
62	24 AWG Wire Yellow (Beliden or Equivalent)	992305	4/R
63	24 AWG Wire Green (Beliden or Equivalent)	992303	4/R
64	24 AWG Wire Orange (Beliden or Equivalent)	992309	4/R
65	24 AWG Wire White (Beliden or Equivalent)	FTT-221-1/4BLK	4/R
66	Alpha Heatshrink tubing 1/4" Black	FTT-221-3/32BLK	4/R
67	Alpha Heatshrink tubing 1/4" Red		
68	Alpha Heatshrink tubing 3/32" Black		

PART LIST

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GENERAL NOTES:

1. DIMENSIONS UNLESS SPECIFIED ARE IN INCHES.
2. DIMENSIONS SPECIFIED IN PARENTHESES ARE DIMENSIONS IN MILLIMETERS.
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TYPICAL ANGLE PRODUCTION:

General Tolerances:

Dimension	0-0.0151"	0.0151" - 0.0251"	0.0251" - 0.0501"	0.0501" - 0.0751"	0.0751" - 0.1001"	0.1001" - 0.1251"	0.1251" - 0.1501"	0.1501" - 0.2001"	0.2001" - 0.3001"	0.3001" - 0.5001"
ASSEMBLY	±0.0025"	±0.0030"	±0.0035"	±0.0040"	±0.0045"	±0.0050"	±0.0055"	±0.0060"	±0.0075"	±0.0100"
FINISH	F0.8	F1.6	F3.2	F6.3	F12.5	F25.0	F50.0	F100.0	F200.0	F400.0
MATERIAL	±0.0004"	±0.0004"	±0.0005"	±0.0007"	±0.0008"	±0.0008"	±0.0010"	±0.0012"	±0.0015"	±0.0020"
COUPLER	±0.0008"	±0.0008"	±0.0009"	±0.0009"	±0.0010"	±0.0010"	±0.0012"	±0.0012"	±0.0015"	±0.0020"

Drawn: L. ZHONG
 Date: 01/20/2016
 Checked:
 Date:

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 AC Power System

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