

Components are grouped based on where in the pack they are located. This means there may be "duplicate" entries to keep track of.

This BOM does not contain mechanical parts. This includes fastening bolts for some electrical connections as well. A complete pack BOM will be released ASAP.

Category	Description	Manufacturer	Manufacturer P/N	Vendor	Vendor P/N	Quantity per	Quantity total
High Current Path	60AH 3.2V LiFeMnPO4 prismatic cell	--	--	AA Portable Power Co.	LFP-G60	16	32
	24V COIL ISOLATION RELAY	GIGAVAC	GX14CAB	--	--	2	4
	HERMETIC BATTERY DISCONNECT SWITCH	GIGAVAC	HBD41	EVWEST	--	1	2
	POWERLOK HIGH VOLTAGE REC - PACK+	Amphenol	PL28W-301-70	Amphenol	PL28W-301-70	1	2
	POWERLOK HIGH VOLTAGE REC - PACK-	Amphenol	PL28X-301-70	Amphenol	PL28X-301-70	1	2
	Fuse 200 Amp 300VAC/160DC V Fas	MERSEN/FERRAZ	A3T200	AllFuse	A3T200	1	2
	Eriflex 534017 Flexibar Advanced, Tinned Copper	nVent Eriflex	FADV2MTC3X24X1	Iconopower	FADV2MTC3X24X1	--	--
PCBs	PacMan	The Team	--	--	--	1	2
	CellMan		--	--	--	16	32
	I/O Board		--	--	--	1	2
Charging/Power Cable Assembly	FUSE HOLDER CART 600V 20A INLINE	Littelfuse	01500603Z	Digikey	F10152-ND	4	8
	FUSE CERAMIC 20A 500VAC/VDC 3AB	Littelfuse	0505020.MXP	Digikey	F3258-ND	4	8
	Red PP15/45 Anderson Powerpole connector housing	Anderson Power Products	1327FP	Powerwerx	1327FP	3	6
	Black PP15/45 Anderson Powerpole connector housing	Anderson Power Products	1327G6FP	Powerwerx	1327G6FP	3	6
	Green PP15/45 Anderson Powerpole connector housing	Anderson Power Products	1327G5FP	Powerwerx	1327G5FP	1	2
	30A crimp terminal for Anderson Powerpole	Anderson Power Products	1331	Powerwerx	1331	7	14
	3/8" insulated ring terminal 16-14AWG wire	--	--	McMaster-Carr	7113k95	2	4
	PPMX 2-PIECE BLACK HOUSING ONLY	Anderson Power Products	4827G6	Mouser	879-4827G6	1	2
	PPMX SOCKET CONTACT 20-24 AWG, GOLD	Anderson Power Products	4802G3	Mouser	879-4802G3	2	4
	PPMX PIN CONTACT 20-24 AWG, GOLD	Anderson Power Products	4803G3	Mouser	879-4803G3	2	4
	PP PAK 2-4P HSG SNAP-IN RECEPT	Anderson Power Products	1470G1	Mouser	879-1470G1	1	2
	SNAP-IN RECEPTACLE RETAINING PINS	Anderson Power Products	110G9	Mouser	879-110G9	1	2
	CONN RCPT HSG 2POS BLACK	Molex	469920210	Digikey	WM16164-ND	1	2
	SOCKET 24-18AWG BULK	Molex	39-00-0039	Digikey	WM2501-ND	2	4
	20-24 AWG STRANDED WIRE	--	--	--	--	--	--
Rear Panel GLV Cable Assemblies	DEUTSCH DT REC, 4P, BLK, E, FLANGE	TE Connectivity	DT04-4P-CL06	--	--	2	4
	DEUTSCH DT SEALED REC, 6P, BLK, E, CAP, FLANGE	TE Connectivity	DT04-6P-CL09	--	--	2	4
	WEDGE LOCK, 4P, REC, GRN, DT	TE Connectivity	W4P	--	--	2	4
	WEDGE LOCK, 6P, REC, GRN, DT	TE Connectivity	W6P	--	--	2	4
	DEUTSCH DT CRIMP CONTACTS		CHECK WITH INTERCONNECT TEAM			20	40
	CONN RECEPT 12POS	Molex	39012120	Digikey	WM3705-ND	1	2
	CONN RECEPT 8POS	Molex	39012080	Digikey	WM3703-ND	1	2
	CONN SOCKET 16AWG CRIMP TIN	Molex	39000078	Digikey	WM9154-ND	20	40
16 AWG STRANDED WIRE	--	--	--	--	--	--	
AIRs Connections	CONN RCPT HSG 2POS BLACK	Molex	469920210	Digikey	WM16164-ND	2	4
	SOCKET 24-18AWG BULK	Molex	39-00-0039	Digikey	WM2501-ND	4	8
CellMan Cable Assemblies	CONN RCPT 6POS IDC 28-30AWG GOLD	Amphenol	71600-006LF	Digikey	609-2841-ND	18	36
	28 AWG 6 CONDUCTOR RIBBON CABLE	--	--	--	--	--	--

	CONN WIRE IDC 2POS 18AWG SMD	AVX Corporation	9176002701106	Digikey	478-7790-1-ND	16	32
	18 AWG STRANDED WIRE	--	--	--	--	--	--
TS Active Light Components	LED PANEL MNT 12MM RED 24VDC	Dialight	6123132140F	Digikey	350-2101-ND	1	2
	DC/DC CONVERTER 48V-24V 6W CHS MNT	CUI Inc.	PQDE6W-Q48-S24-T	Digikey	102-4576-ND	1	2
	FUSE GLASS 500MA 250VAC 125VDC	Littelfuse	0229.500MXP	Digikey	F4668-ND	2	4
	FUSE BLOCK CART 300V 10A CHASSIS	Littelfuse	02540001Z	Digikey	F1470-ND	2	4
	3/8" insulated ring terminal 16-14AWG wire	--	--	McMaster-Carr	7113k95	2	4
	16 AWG STRANDED WIRE	--	--	--	--	--	--
Interface Panel	2.9inch e-Paper Display Module	Waveshare	2.9inch e-Paper Module	Amazon		1	2
	SWITCH TACTILE SPST-NO 0.1A 42V	RAFI USA	1.14100.5030000	Digikey	1715-1676-1-ND	5	10
	PLUNGER 8.0MM X 6.5MM HT	RAFI USA	5.46167.3010209	Digikey	1715-1521-ND	5	10
	LED PANEL INDICATOR ORANGE 24V	Dialight	6823335143F	Digikey	350-4056-ND	1	2
	CONN RCPT 20P IDC 28-30AWG GOLD	Amphenol	71600-020LF	Digikey	609-1741-ND	2	4
	28 AWG 20 CONDUCTOR RIBBON CABLE	--	--	--	--	--	--