

Table 2 List of Parts Included in **UPSUI2040CX** Integrated Installation Package

<b>Item</b>	<b>Qty</b>	<b>Description</b>
1	20	Evergreen Solar EC-102-GL PV Modules
2	1	Package UV resistant wire ties
3	20	Lay-In Ground Lugs with SS set screws and mounting hardware
4	1	Module Mounting Rail Set (See details for region)
5	2	Tube 50-year Weather Sealant
6	2	6x6x4-inch PVC W/P Junction Box
7	2	5-pole UL-listed terminal strip for JB
8	6	Cord connectors (1/2" KO, 4 2-hole & 2 1-hole)
9	1	Outback PSPV Combiner Box with 1 negative bus
10	4	1P 15A dc breakers for PSPV
11	1	DC Surge Arrestor
12	1	Outback PS2DC DC Component Enclosure
13	1	50A DC Circuit Breaker (Array Disconnect)
14	1	60A DC Circuit Breaker (Charge Controller Disconnect)
15	1	GFDI assembly
16	1	175A DC Circuit Breaker
17	1	Set of pos, neg and ground bus
18	1	Outback MX-60 Charge Controller
19	1	Xantrex SW5548 Inverter and Grid Tie Interface
20	1	Outback PS2AC AC Component Enclosure
21	1	1P60A AC Breaker
22	1	Set of AC in, AC out, neutral & gnd bus
23	1	Inverter Bypass Switch
24	4	1P15A AC Breakers
25	1	60A visible, lockable, load break W/P Disconnect
26	8	Concorde PVX-1080T Sealed LA Batteries or app alternates
27	1	Set 2/0 battery cables (2 8-ft & 8 13-inch)
28	1	set kWh meters with meter cans, batt temp sensors (optional)

All other parts for the system, such as THWN-2 wire, PVC conduit, conduit fittings, straps and mounting screws are standard AC electrical components that are readily available from your favorite electric parts supplier.

### **Manufacturers' Documents Included in this System Manual**

Evergreen Solar EC-102-GL Module Data Sheets and Installation Instructions  
 Array Mount Installation Instructions and Structural Data  
 Outback PSPV Combiner Box and PS2DC DC Component Enclosure Data Sheets  
 Outback MX-60 MPPT Charge Controller Instruction and Installation Manual  
 Xantrex SW5548 Inverter and Grid Tie Interface Owner's Manuals  
 Outback PS2AC AC Component Enclosure Data Sheets  
 Concorde PVX-1080T Battery Data Sheets