

Table 2 List of Parts Included in **UPSUI1200EX** Integrated Installation Package

<b>Item</b>	<b>Qty</b>	<b>Description</b>
1	10	Evergreen Solar EC-120-GL
2	1	Package UV resistant wire ties
3	10	Lay-In Ground Lugs with SS set screws and mounting hardware
4	1	Module Mounting Rail Set (See details for region)
5	1	Tube 50-year Weather Sealant
6	2	4x4x2-inch PVC W/P Junction Boxes (or one 6"x6"x4")
7	1	2-pole UL-listed terminal strip for JB
8	1	3-pole UL-listed terminal strip for JB
9	3	Cord connectors for module leads (1/2" KO, 2 2-hole & 1 1-hole)
10	1	Outback PSPV Combiner Box with 1 negative bus
11	2	1P 15A dc breakers for PSPV
12	1	DC Surge Arrestor
13	1	Outback PS2DC DC Component Enclosure
14	1	30A DC Circuit Breaker (Array Disconnect)
15	1	40A DC Circuit Breaker (Charge Controller Disconnect)
16	1	GFDI assembly
17	1	175A DC Circuit Breaker
18	1	Set of pos, neg and ground bus
19	1	Outback MX-60 Charge Controller
20	1	Xantrex SW5548 Inverter and Grid Tie Interface
21	1	Outback PS2AC AC Component Enclosure
22	1	1P60A AC Breaker
23	1	Set of AC in, AC out, neutral & gnd bus
24	1	Inverter Bypass Switch
25	3	1P15A AC Breakers
26	1	60A visible, lockable, load break W/P Disconnect
27	4	Concorde PVX-1080T Sealed LA Batteries or app alternates
28	1	Set 2/0 battery cables (2 6-ft & 3 13-inch)
29	2	Battery temperature sensors
30	2	kWh meters & enclosures (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-120-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