

Table 2 List of Parts Included in **UPSUI1200** Integrated Installation Package

Item	Qty	Description
1	10	Evergreen Solar EC-120-GL PV Modules
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 (or 1 5-pole)
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	Outback GVFX-3648 Inverter
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	1	Hub 4, Mate, PS2MP, battery temperature 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-120-GL Module Data Sheets and Installation Instructions
 Unirac Solar Mount Installation Instructions and Code Compliant Planning and Assembly
 Outback PSPV Combiner Box and PS2DC DC Component Enclosure Data Sheets
 Outback MX-60 MPPT Charge Controller Instruction and Installation Manual
 Outback FX-3648 Inverter Instruction and Installation Manual
 Outback PS2AC AC Component Enclosure Data Sheets
 Concorde PVX-1080T Battery Data Sheets