

Table 2 List of Parts Included in **UPSUI4900** Integrated Installation Package

<b>Item</b>	<b>Qty</b>	<b>Description</b>
1	28	Solar World SW175 PV Modules
2	2	Package UV resistant wire ties
3	28	Lay-In Ground Lugs with SS set screws and mounting hardware
4	1	Module Mounting Rail Set (See details for region)
5	4	Tube 50-year Weather Sealant
6	2	12x12x4-inch PVC W/P Junction Box
7	34	UL-listed terminal blocks for Junction Box
8	17	Cord connectors (1/2" KO, 14 2-hole & 3 1-hole)
9	2	Outback PSPV Combiner Box with 1 negative bus
10	14	1P 10A DC breakers for PSPV
11	2	DC Surge Arrestor
12	1	Outback PS2DC DC Component Enclosure
13	1	2P60A DC Circuit Breaker for array (150V rating)
14	1	2P60A DC Circuit Breaker for charge controller (150V rating)
15	1	GFDI assembly
16	2	175A DC Circuit Breaker
17	1	Set of pos, neg and ground bus + DC shunt
18	2	Outback MX-60 Charge Controller
19	2	Outback GVFX-3648 Inverter
20	1	Outback PS2AC AC Component Enclosure
21	1	2P60A AC Breaker
22	1	Set of AC in (Qty 2), AC out (Qty 2), neutral & gnd bus
23	1	Inverter Bypass Switch
24	6	AC Breakers (per owner site requirements)
25	1	60A visible, lockable, load break W/P sw
26	8	Concorde PVX-1080T Sealed LA Batteries
27	1	Set 2/0 battery cables (2 8-ft & 8 13-inch)
28	1	Hub 4, Mate, PS2MP, battery temperature sensors
29	2	Set of ACA, DCA & PS2-CCB Inverter Accessories

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

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

SW175 Module Data Sheets

Array Mount Data Sheets

PSPV Source Circuit Combiner Box Data Sheets

PS2AC & DC Component Enclosure Installation Instructions

OBDC-GFP/2 GFDI Installation Instructions

MX-60 MPPT Charge Controller Manual

FX-3648 Inverter Installation, Operation and Maintenance Manual

Concorde PVX-1080T Battery Data Sheets