SOLATURN

FLASH4 Solar Power Package - 4 Panels -

System Supplies and Materials

#	Description	Qty	Image
1.	Solar Module - REC Solar, Alpha PURE Series 390W PV Module, 132 half-cut Bifacial heterojunction cells, Vmp: 40.6,Imp: 9.61, Voc: 48.4, Isc: 10.38, 71.7" x 40" x 1.2 (30mm), 45 lbs *MUST SHIP FREIGHT*	4	
2.	Inverter - Victron MultiPlus inverter & charger. 2000 Watts, 24 Volts DC, 120 Volts AC, 50 Amp charger, VE.Bus. Article code: PMP242200100	1	
3.	Charge Controller - Victron SmartSolar MPPT 250/60-Tr solar charge controller. 12, 24, 36, 48 Volts DC, 60 Amps max.... Article code: SCC125060221..	1	
4.	Battery - Discover energy AES professional 1.5kWh 25.6V 60AH with heating, on/off Key, LYNK COMM PORT. 10.2" x 7.1" x 10.1", 30.7 lbs.	2	
5.	Ameresco Solar BBA-6 solar battery box, holds 6 group 27 batteries, NEMA 3R,4 and 4X. 40.12" x 25.25" x 17.125, 61 lbs.	1	

6.	End clamp for PGRM mount. Made for 3" SCH40 pipe	2	
7.	Mid Clamp for PGRM mount. Made for 3" SCH40 pipe	2	
8.	IMO SI32-PEL64R-4 True DC Solar Isolator, Enclosed DC Switch IP66	1	
9.	This 1/2 in 1000V Heyco Strain Relief accepts two 6mm PV wires. Nut is included.	1	
10.	MidNite Solar surge protector for DC circuits. Rated for 300 volts DC nominal and 250 volts AC nominal.	1	
11.	MidNite Solar surge protector for AC circuits. Rated for 250 volts AC nominal and 300 volts DC nominal.	1	
12.	Discover Energy Systems 950-0040 LYNK LITE Communication Gateway intended to work with AES PROFESSIONAL (DLP) batteries. Doesn't work with AES RACKMOUNT.	1	
13.	50 ft. MC4 Solarline 2 (latching) extender cable, 10 AWG, Male to Female, 2kV single jacket 1kV rated connectors.	1	
14.	Bussmann MRCB breaker 100 amp DC 12-48 volts w/switch..(48 volt MAX)	1	
15.	Bussmann MRCB breaker 150 amp DC 12-48 volts w/switch	1	
16.	#2 AWG UL MTW CABLE, Stranded Copper Wire, BLACK	12	
17.	#2 AWG UL MTW CABLE, Stranded Copper Wire, RED	12	

18.	#2 x 5/16" stud ring connector tinned copper	4	
19.	#2 x 3/8" stud ring connector tinned copper	10	
20.	Heat Shrink for #4 AWG, 1.5 inch long, black. UL listed.	4	
21.	Heat Shrink for #4 AWG, 1.5 inch long, Red UL listed.	8	
22.	RJ45 UTP Cable 0.9 m ..Network cable for VE.Can, VE.Bus, VE.net..Aritcle code: ASS030064920	3	
23.	Interface MK3-USB (VE.Bus to USB)..Article code: ASS030140000	1	
24.	Cerbo GX - operates as the communication-center of your installation. Cerbo-S does not include BMS-Can port, tank or temperature sense inputs. Dimensions: 6.07" x 3.08" x 1.9" Article code: BPP900450120	1	
25.	Discover networking accessories DLP CONNECTOR KIT 0.4M CABLE + T -DLP 0.4M cable + battery T connector kit	1	
26.	Discover networking accessories DLP COMM CABLE 25'/7.6M NEMA (HOMERUN) - DLP 7.6m battery interconnect network cables	1	

SolaTurn

The SolaTurn FLASH4 Solar Power Package features four high-efficiency solar panels, providing a complete solution for outdoor industrial applications.

Ideal for powering card readers, turnstiles, ADA gates, and vehicle barrier gates in remote locations without access to traditional power, this durable kit ensures reliable performance in harsh conditions.

With all the components listed for easy installation, the FLASH4 package harnesses solar energy to deliver convenience and accessibility wherever you need it.