


















AIMS Power- KITB-3K24120-A2

720 WATT SOLAR WITH 3000 WATT PURE SINE POWER INVERTER CHARGER 24 VDC 120

Solar Components

Part Number	Description	U/M	Quantity
 PV120POLY	120W Solar Panel Solar Panels *	each	6
 PVEXT20FT10AWG	PV Male to Female Extension 20 Foot Cable 10 AWG Extension cables from Panel Array to Combiner Box	each	6
 COM3IN60A	Combiner Box 3 String Solar Array feeds into Combiner Box	each	1
 PVEXT100FT10AWG	PV Male and Female Cable Home Run Cables from Combiner Box To Disconnect Switch	each	2
 DC1600V32A2IO	Quick Disconnect Switch Used to quickly cut power	each	1
 PVF20FT10AWG	PV Female Cable 20 Foot Cable 10 AWG Used to connect Disconnect Switch to Solar Charge Controller	each	1
 PVM20FT10AWG	PV Male Cable 20 Foot Cable 10 AWG Used to connect Disconnect Switch to Solar Charge Controller	each	1
 PVEXT15FT10AWG	PV Male to Female Extension 15 Foot Cable 10 AWG Used for combining panels in parallel	each	6
 SCC30A	Solar Charge Controller MPPT 30 Amp 12 or 24Vdc Charges battery with solar power	each	1

Battery Components		PVSCC06FTSET	Charge Controller Cable 6 Foot 10 AWG PV Spade lug to cut end Connects Solar Charge Controller to Battery Bank	each	2
		ANL50KITJ	ANL 50 Amp Fuse + Holder Kit + 6AWG Jumper Fuse goes between Solar Charge Controller and Battery Bank as a safety feature (positive side)	kit	1
		AGM6V225A	Stores DC Power	each	4
		CBL01FT4AWGRED	Battery Bank Cable 1 foot, 4 AWG Red Only 3 = Series connection for battery bank 1 = fuse kit jumper cable	each	4
		ANL150KIT	ANL 150 Amp Fuse + Holder Kit Fuse goes between inverter and Battery as a safety feature	Kit	1
Inverter Components		CBL08FT4AWG	Power Inverter Cable 8 feet 4 AWG Red + Black Set Battery bank to Inverter	set	1
		PICGLFBATS	Low Frequency Battery Sensor Tape to negative side of battery Near post. Plug into inverter	each	1
		PICOGLF30W24V120VR	Power Inverter Charger Low Freq. 3000W, 24Vdc, 120Vac	each	1

*** When assembling your kit connect solar panels last.**

Congratulations on your purchase of an AIMS Power off grid solar kit. We hope you have years of trouble-free enjoyment using this kit. If you have any questions at installation, please refer to the enclosed wiring diagram or contact the AIMS technical support team at techsupport@aimscorp.net with any questions.

Please take this opportunity to confirm you have received all the components stated here. Contact your seller if anything is missing or damaged immediately. Any delay in contacting the seller may negatively affect their ability to assist you.