



















AIMS Power KITB-6K24240-C1-1

1650 WATT SOLAR WITH 6000 WATT PURE SINE POWER INVERTER CHARGER 120/240VAC 24VDC

Solar Components

Part Number	Description	U/M	QTY
PV275POLY 	275W 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	2
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	2
SCC60AMPPT 	Solar Charge Controller MPPT 60A, 12/24/36/48V Charges battery with solar power	each	1
CBL08FT6AWGC 	Charge Controller Cable 8 Foot 6 AWG Red + Black Pair Lug-Cut Connects Solar Charge controller to battery	each	1
ANL80KITJ 	ANL 80 Amp Fuse + Holder Kit + 6AWG Jumper Fuse goes between solar charge controller and Battery as a safety feature	each	1



Battery Components	 AGM12V200A	Sealed AGM Battery 200Ahr 12Vdc Stores DC Power	each	6
	 CBL01FT1/0RED	Battery Bank Cable 1 foot, 1/0 Red Only 3 = Series connection for battery bank 1 = fuse kit jumper cable	each	4
	 CBL02FT1/0	Battery Bank Cable 2 feet, 1/0 AWG Red + Black Pair Parallel connections for battery bank	each	2
	 ANL300KIT	ANL 300 Amp Fuse + Holder Kit Fuse goes between inverter and Battery as a safety feature	each	1
Inverter Components	 CBL08FT1/0	Power Inverter Cable 8 feet 1/0 AWG Red + Black Pair Battery bank to Inverter	each	1
	 PICGLFBATS	Low Frequency Battery Sensor Tape to negative side of battery near post. Plug into inverter	each	1
	 PICOGLF60W24V240VS	Power Inverter Charger Low Freq. 6000W, 24Vdc, 240Vac Split Phase	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.