












# AIMS Power KITB-2K48120-C1

## 1650 WATT SOLAR WITH 2000 WATT PURE SINE POWER INVERTER CHARGER 120VAC 48VDC

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
			
COM6IN120A	Combiner Box 6 String - 120A 200VDC- Prewired 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 Set Lug-Cut Connects Solar Charge controller to battery	set	1
			
ANL80KITJ	ANL 100 Amp Fuse + Holder Kit + 6AWG Jumper Fuse goes between solar charge controller and Battery as a safety feature	kit	1
			



<b>Battery Components</b>	<b>AGM12V200A</b>	Sealed AGM Battery 200Ahr 12Vdc Stores DC Power	each	4
				
	<b>CBL01FT6AWGRED</b>	Battery Bank Cable 1 foot 6AWG Red Only 6 = Series connection for battery bank 1 = fuse kit jumper cable	each	4
				
<b>ANL80KIT</b>	ANL 80 Amp Fuse + Holder Kit Fuse goes between inverter and Battery as a safety feature	kit	1	
				
<b>Inverter Components</b>	<b>CBL08FT6AWG</b>	Power Inverter Cable 8 feet 6 AWG Red + Black Set Battery bank to Inverter	set	1
				
	<b>PICGLFBATS</b>	Low Frequency Battery Sensor Tape to negative side of battery near post. Plug into inverter	each	1
				
<b>PICOGF20W48V120V</b>	Power Inverter Charger Low Freq. 2000W, 48Vdc, 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](mailto: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.