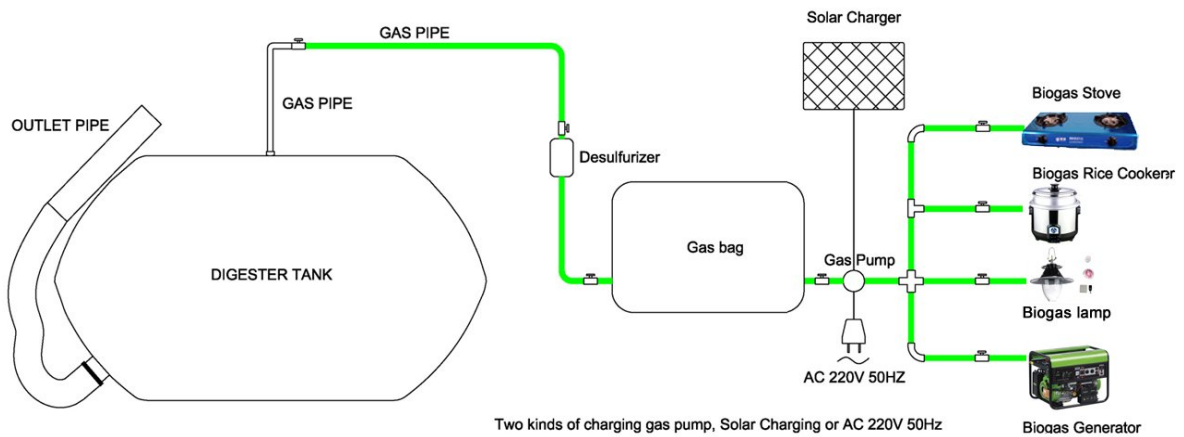




PORTABLE SOLAR DIGESTER




The product is composed of an anaerobic fermentation tank, a gas storage bag, a gas pump, a solar charger, as well as gas pipeline and appliances. The anaerobic fermentation tank consists of mainly an upper tank and a lower tank. The product has the following advantages:

1. Easy and quick to install. It can be installed by the Users themselves within two hours;
2. Convenient to transport, because its total weight is only 100 kg;
3. Wide rang of fermentation material: It is suitable to use food waste, grass, leaves and straw as fermentation material;
4. High gas production rate: the gas production rate can reach 0.8m³/m³.

Product	Price	Description & specification	Remark
 <p>Fibre glass reinforced plastic digester 2M3</p>		made of fibre glass reinforced plastic consists of mainly an upper tank and a lower tank	
 <p>Biogas stove double burner</p>		Suitable gas: Biogas Heat load: 2.8KW Gas consumption rate: 0.45m ³ /h (for one burner) Heat efficiency : >57% Gas entrance pressure: 1600Pa Fire maker efficiency : >98% Gross weight: 5kgs Net weight: 4.1kgs Outside dimension: 730×410×130mm	
 <p>Biogas fitting</p>		30m pipe, 1pc pressure gauge, 1pc desulpharize ,5pcs valve, etc 310×300×260mm/2set 10kg/2set	
 <p>Biogas lamp with fire maker</p>		Gas consumption: 0.07m ³ /h 310×300×260mm /8 sets, 0.5kg/set	
 <p>Solar charger for Biogas pump</p>		12W, For the Biogas pump	

 <p>Biogas pump(220V AC and Solar charger)</p>		<p>Charging method: Solar or 220 AC Frequency 50Hz Power:10 W Maximum pressure (kgf/c m²) >0.12 Maximum Vacuum (-kpa) -0.085 Flow≥26 L/ min Load flow≥12 (70 meter) L/ min Weight:3.3kg</p>	
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Biogas Storage Bag

Type	Specification	Unit price	Remark
PX-CQD-HY005	0.5M ³		PVC, Size:1.5*1.2M
PX-CQD-HY01	1 M ³		PVC, Size:1.5*2.2M
PX-CQD-HY02	2M ³		PVC, Size:1.5*2.8M
		<p>Maximum pressure: 8-10KPA Working pressure: 4-5KPA PVC thickness 0.6mm</p>	