

Products for biogas plant

Product	Description & specification
 <p>Biogas stove double burner</p>	<p>Suitable gas: Biogas Heat load: 2.8KW Gas consumption rate: 0.45m³/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 HS CODE: 73211100</p>
 <p>Biogas stove single burner</p>	<p>Suitable gas: Biogas Heat load: 2.8KW Gas consumption rate: 0.45m³/h Heat efficiency : >57% Gas entrance pressure: 1600Pa Fire maker efficiency : >98% Gross weight: 3kgs Net weight: 2.5kgs Outside dimension: 370×410×130mm HS CODE: 73211100</p>
 <p>Biogas stove large burner</p>	<p>Suitable gas: Biogas Gas consumption: 2-3m³/h Heat efficiency : >55% Gas entrance pressure: 1600Pa Fire maker efficiency : >98% Gross weight: 8kgs Net weight: 7kgs Outside dimension: 600×360×150mm HS CODE: 73211100</p>
 <p>Biogas rice cooker 2.5L</p>	<p>Suitable gas: Biogas Rating Power: 1.0KW Gas consumption: 129g/h (about 0.14m³/h) Rating pressure: 1600Pa Largest rice quantity: 1.6kgs Gross weight: 3.5kgs Net weight: 3.0kgs Outside dimension: 305×305×335mm HS CODE: 73211100</p>

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 <p>Biogas rice cooker(6-20L)</p>	<p>Rice cooker</p>
 <p>Biogas fitting</p>	<p>30m pipe, 1pc pressure gauge, 1pc desulpharize ,5pcs valve , etc 310×300×260mm/2set 10kg/2set HS CODE: 39174000</p>
 <p>Desulpharize</p>	<p>310×300×260mm /10 sets, 0.8kg/set</p>
 <p>Pressure gauge 16kpa</p>	<p>400×320×360mm /100 sets, 8kg/100sets diameter size 70mm HS CODE: 90262090</p>
 <p>Biogas lamp with electronical fire maker</p>	<p>Gas consumption: 0.07m3/h 310×300×260mm /8 sets, 0.5kg/set HS CODE: 94055000</p>

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 Room heater	Suitable gas: Biogas Gas consumption rate: 0.3m ³ /h Gross weight: 21kgs/20SETS Outside dimension: 590×590×410mm a heater could keep warmth for a room about six to nine square meters, the diameter of the heater is 28CM
 Solar charger for Biogas pump	12W, For the Biogas pump
 Biogas pump(PX-25L)	Charging method :Solar or 220 AC Frequency 50Hz Power:10 W Maximum pressure(kgf/c m ²)> 0.12 Maximum Vacuum (-kpa) -0.085 Flow≥26 L/min Load flow≥12 (70 meter) L/min Weight:3.3kg
 Biogas pump 220V AC	

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 <p>Flow meter</p>	<p>Nominal flow rate Q: 2.5 m³/h Maximum flow rate Q_{max}:4 m³/h Minimum flow rate Q_{min}:0.025 m³/h Maximum working pressure:10 kpa 310×300×260mm /4 sets, 1.5kg/set HS CODE: 90268000</p>
 <p>Biogas generator</p>	<p>8KW---500KW</p>
 <p>Steel mould 10m³</p>	<p>4.0m³/set ,915kg/set Including Insertion type concrete vibrator, Tools and Mould Hooks Hs code: 84804900</p>
 <p>Steel mould with outer 10m³</p>	<p>4.5m³/set ,1265kg/set Including Insertion type concrete vibrator, Tools and Mould Hooks Hs code: 84804900</p>
 <p>Glass fibre reinforced plastic gas-holder 1.0m³</p>	<p>31kg/set, Including Steel Supporter and Steel Arms for Gasholders, Caps and O-Ring Hs code: 39269090.90</p>

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 <p>Glass fibre reinforced plastic cover</p>	<p>22kg/set Hs code: 39269090.90</p>
 <p>Steel mould outer for 100m3 plant</p>	<p>Steel mould used for 75 or 100 cubic meter biogas generating pit , total height 3 meter, inner diameter 6.37meter, weight 1800 kg/set, Including Insertion type concrete vibrator, Tools and Mould Hooks Hs code: 84804900</p>
 <p>Steel mould neck for 100m3 plant</p>	<p>For 100m3 digester neck</p>
 <p>Glass fibre plastic inner mould for 100m3 plant</p>	<p>Diameter 6 meter ,total height 4.2meter, divided into top part and bottom part. The top part is a part of the surface of a ball, the bottom part is collumniform.</p>

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 <p>Desulfurizer & Dehydrator 100L</p>	<p>The replace time is due to the flux of biogas and the content of H2S, 20000m3 biogas can be treat before replacement, The replace weight is 100kgs</p>
<p>Construction scaffold, Platform, Ladders</p>	
<p>Steel parts for reinforcement</p>	
 <p>Glass fibre plastic digester 2M3</p>	



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Family Size Biogas Generator

Item Number	600W	1200W	3000W
			
Type	Biogas Generator	Biogas Generator	Biogas Generator
Rated Power	600W	1200W	3000W
Max. Power	700W	1300W	3500W
Frequency	50HZ	50HZ	50HZ
DC Output	12V 8.3A	12V 8.3A	12V 8.3A
Generator Type	Single-phase Brush Motor	Single-phase Brush Motor	Single-phase Brush Motor
Engine Type	CC154F	CC168F	CC188F
Bore X Stroke	53 x 38mm	68 x 45mm	88 x 64mm
Displacement	87cc	163cc	389cc
Ignition System	T.C.I.	T.C.I.	T.C.I.
Engine oil capacity(L)	0.35	0.55	0.9
Gas consumption(m ³ /h)	0.84	1.46	3.5
Continue Working Time	No More Than 6 Hour	No More Than 6 Hour	No More Than 6 Hour
Standard Equipment	Waterproof European Socket	Waterproof European Socket	Waterproof European Socket
	AC Circuit Breaker	AC Circuit Breaker	AC Circuit Breaker
	DC Circuit Breaker	DC Circuit Breaker	DC Circuit Breaker
	V-Type DC Socket	V-Type DC Socket	V-Type DC Socket
Dimensions	550*400*420mm	620*480*480mm	710*710*600mm
Weight	25kgs	56kgs	93kgs
Suitable gas	Biogas/LPG	Biogas/LPG	Biogas/LPG

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Biogas Gas requirements

- 1- Biogas no less more than 65% Methane(CH₄)
- 2- Gas pressure: 2KPA ~ 6KPA
- 3- Biogas should be processed by desulfuring and dehydration before entering into the generator sets.(Otherwise, it will damage the engine cylinder, spark plug and other parts.) The warranty will not cover damaged cause wrong operation.

Biogas Storage Bag

Type	Specification	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
PX-CQD-HY03	3M ³	PVC
PX-CQD-HY05	5M ³	PVC
PX-CQD-HY10	10M ³	PVC,
PX -CQD-A101	28.26M ³	PVC, Size: ϕ 2*9M
PX -CQD-A102	37.68M ³	PVC, Size: ϕ 2*12M
PX -CQD-A103	50M ³	PVC, Size: ϕ 3*7M
PX -CQD-A104	64M ³	PVC, Size: ϕ 3*9M
PX -CQD-A105	85M ³	PVC, Size: ϕ 3*12M
PX -CQD-A106	100M ³	PVC, Size: ϕ 4*8M
PX -CQD-A107	150M ³	PVC, Size: ϕ 4*12M
PX -CQD-A108	196M ³	PVC, Size: ϕ 5*10M



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