



LH-500W Vertical Tubular Turbine Unit Main Technical Performance Parameters

Main Parameters				
Water Turbine				
No.	Items	Parameters		Remarks
1	Model	LH-500W		 <p>Propeller Turbine</p>
2	Rated Head	2	(meters)	
3	Rated Flow	45	(l/s)	
4	Output	500	(W)	
5	Efficiency	70	(%)	
6	Pipe Diameter	50	(mm)	
Generator				
No.	Items	Parameters		Remarks
1	Model	SF0.5-4		 <p>Rear Earth Permanent Magnet Generator</p>
2	Style	PMG		
3	Output	500	(W)	
4	Voltage	230	(V)	
5	Current	2.17	(A)	
6	Frequency	50	(HZ)	
7	Rotary Speed	1500	(RPM)	
8	Phase	Single	(Phase)	
9	Power Factor	1.0		
10	Altitude	≤3000	(meters)	
11	Insulation Grade	B / B		
12	Protection Grade	IP44		
13	Temperature	-25~+50	°C	
14	Relative Humidity	≤90	%	
Control Box / Control Panel				
No.	Items	Parameters		Remarks
1	Model	WY0.5-1		
2	Safety Protection	Short circuit Protection		
3		Islanding Protection		
4		Over Load Protection		
5		Grounding Fault Protection		
Packing				
No.	Items	Parameters		Remarks
1	Packing Material	Fiberboard		
2	Packing Size	85×34×29	(CM)	
3	Net Weight		(KGS)	
4	Gross Weight	31	(KGS)	
<p>Note: The modification of the product appearance or technical parameters, which is a result of technique improvement, will not be announced additionally</p>				