

Micro-Hydro-Power-Propeller-Turbine-Arial
ZD2.5-1.0DCT4-Z



Vertical Tubular Turbine Unit Main Technical Performance Parameters

Main Parameters				
Water Turbine				
No.	Items	Parameters		Remarks
1	Model	ZD2.5-1.0DCT4-Z		Propeller Turbine
2	Rated Head	2.5	(meters)	
3	Rated Flow	50	(l/s)	
4	Output	1000	(W)	
5	Efficiency	70	(%)	
6	Pipe Diameter	50	(mm)	
Generator				
No.	Items	Parameters		Remarks
1	Model	SF1.0-4		Rear Earth Permenent Magnet Generator
2	Style	PMG		
3	Output	1000	(W)	
4	Voltage	230	(V)	
5	Current	4.34	(A)	
6	Freqency	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	WY1.0-1		
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	90×34×29	(CM)	
3	Net Weight	(KGS)		
4	Gross Weight	43	(KGS)	
Note: The modification of the product appearance or technical parameters, which is a result of technique improvement, will not be announced additionally				