

# Single Nozzle XJ14-0.3DCT4-Z



| Main Parameters      |               |                |          |                                       |
|----------------------|---------------|----------------|----------|---------------------------------------|
| <b>Water Turbine</b> |               |                |          |                                       |
| No.                  | Items         | Parameters     |          | Remarks                               |
| 1                    | Model         | XJ14-0.3DCT4-Z |          | Single Nozzle Turgo Turbine           |
| 2                    | Rated Head    | 12--14         | (meters) |                                       |
| 3                    | Rated Flow    | 3--5           | (l/s)    |                                       |
| 4                    | Output        | 300            | (W)      |                                       |
| 5                    | Efficiency    | 70             | (%)      |                                       |
| 6                    | Pipe Diameter | 50             | (mm)     |                                       |
| <b>Generator</b>     |               |                |          |                                       |
| No.                  | Items         | Parameters     |          | Remarks                               |
| 1                    | Model         | SF0.3-4        |          | Rear Earth Permanent Magnet Generator |
| 2                    | Style         | PMG            |          |                                       |
| 3                    | Output        | 300            | (W)      |                                       |
| 4                    | Voltage       | 230            | (V)      |                                       |
| 5                    | Current       | 1.30           | (A)      |                                       |
| 6                    | Frequency     | 50             | (HZ)     |                                       |
| 7                    | Rotary Speed  | 1500           | (RPM)    |                                       |
| 8                    | Phase         | Single         | (Phase)  |                                       |

|  |                          |                            |          |                |
|--|--------------------------|----------------------------|----------|----------------|
| 9  | <b>Power Factor</b>      | 1.0                        |          |                |
| 10   | <b>Altitude</b>          | ≤3000                      | (meters) |                |
| 11   | <b>Insulation Grade</b>  | B / B                      |          |                |
| 12   | <b>Protection Grade</b>  | IP44                       |          |                |
| 13   | <b>Temperature</b>       | -25~+50                    | °C       |                |
| 14   | <b>Relative Humidity</b> | ≤90                        | %        |                |
| <b>Control Box / Control Panel</b>   |                          |                            |          |                |
| <b>No.</b>   | <b>Items</b>             | <b>Parameters</b>          |          | <b>Remarks</b> |
| 1  | <b>Model</b>             | WY0.3-1                    |          |                |
| 2  | <b>Safety Protection</b> | Short circuit Protection   |          |                |
| 3  |                          | Islanding Protection       |          |                |
| 4  |                          | Over Load Protection       |          |                |
| 5  |                          | Grounding Fault Protection |          |                |
| <b>Packing</b>   |                          |                            |          |                |
| <b>No.</b>   | <b>Items</b>             | <b>Parameters</b>          |          | <b>Remarks</b> |
| 1  | <b>Packing Material</b>  | Fiberboard                 |          |                |
| 2  | <b>Packing Size</b>      | 35×30×37                   | (CM)     |                |
| 3  | <b>Net Weight</b>        | 18                         | (KGS)    |                |
| 4  | <b>Gross Weight</b>      | 25                         | (KGS)    |                |
| <b>Note: The modification of the product appearance or technical parameters, which is a result of technique improvement, will not be announced additionally.</b> |                          |                            |          |                |