

Solar Water Pumps

Tsp series inverter special for PV water pump adopts the high accuracy fast MPPT algorithms, tracking the PV array output by the maximum power point, driving the pump motor as much as possible to meet various pumping applications.

The inverter special for PV water pump can support AC input besides support PV array DC input. When the PV array can not drive the motor or does not have output, it can also accept the grid AC input or the AC motor to supply the power to meet various emergency needs. Tsp series inverter special for PV water pump provides full protection, maximizing the life of motor and pump.

- Built-in high precision PV array maximum power point tracking MPPT algorithms
- Dry running mode monitoring, treatment
- Tank water level control
- Accept DC/AC input
- LED displays the real time situation and the parameter of system
- Based on RS485 real time remote control system
- Fast installation design, no need extra maintenance
- Built-in full protection and diagnostic mechanism

Agriculture irrigation, grassland animal husbandry, forest irrigation, municipal water, landscape fountain, fish pond, highway greening, coastal saltworks water supply and drainage, etc.

Model	Solar panels capacity (KW)	DC working voltage	<u>Deep Well Submersible Pump</u>						Frequency
			Rated power (KW)	Rated voltage (V)	Flow rate (m ³ /h) /head (m)			Outlet size	
TSP-1 KW	1	200-380V	0.5	1-phase 220V	1/53	2/45	4/30	50m m	0-50/60
TSP-1.5KW	1.5	200-380V	1.1	1-phase 220V	1/104	2/82	4/56	50m m	0-50/60
TSP-2 KW	2	200-380V	1.5	1-phase 220V	2/90	4/66	6/45	50m m	0-50/60
TSP-4 KW	4	200-380V	2.2	1-phase 220V	2/120	4/100	6/73	50m m	0-50/60
TSP-6.4KW	6.4	350-750V	4	3-phase 380V	2/185	4/165	6/125	50m m	0-50/60
TSP-8 KW	8	350-750V	5.5	3-phase 380V	3/160	6/140	8/115	50m m	0-50/60
TSP-12 KWP	12	350-750V	7.5	3-phase 380V	3/195	6/170	8/140	50m m	0-50/60
TSP-16 KW	16	350-750V	11	3-phase 380V	8/239	12/205	16/145	65m m	0-50/60
TSP-20 KW	20	350-750V	13	3-phase 380V	8/283	12/243	16/172	65m m	0-50/60

TSP-24 KW	24	350-75 0V	15	3-phase 380V	16/2 02	20/1 67	25/1 13	65m m	0-50/60
TSP-28 KW	28	350-75 0V	18.5	3-phase 380V	16/2 25	20/1 86	25/1 25	65m m	0-50/60
TSP-32 KW	32	350-75 0V	22	3-phase 380V	20/1 72	50/1 20	75/7 0	65m m	0-50/60