

In-Built Controller Brushless Solar Pump

1. Easy installation and easy operation, connect with solar panel directly no need external controller.
2. Can be powered by both solar panel and battery.
3. Brushless permanent magnetic motor, controller inside, long working life and high working efficiency.
4. Dry-running auto protection.
5. Franklin motor standard.
6. High-quality full SS304 materials.
7. Thicker material, more durable, more power.
8. Water cooled motor.



**In-Built
Controller**

3SPN1-12P 145 PSI Max

100M-4.0m³/h-150V-1000W/ 1.34 HP

m³/h	4.0	3.7	3.4	2.8	2.3	2.1	1.7	1.4	1.1	0
GPM	17.7	16.4	15.06	12.42	10.04	9.24	7.40	6.07	4.76	0
H(F)	0	33	65	131	164	197	229	262	295	328

Motor DIM&Power	3" / 1000w
Voltage	60-110V Best: 90-110V
Solar Panel Proposal	440W*3 PCS
Pump DIM	3"
Pump Outlet	1.5"

More Model for 1000W		Pump Outlet
3SPN3-7P	54M-5.2m ³ /h-96V-600W	1.5"
4SPN2-7P	82M-4.9m ³ /h-150V-1000W	2"
4SPN3-5P	72M-6.5m ³ /h-150V-1000W	2"
4SPN4-3P	47M-9.3m ³ /h-150V-1000W	2"
4SPN6-3P	38M-13.1m ³ /h-150V-1000W	2"
4SPN8-3P	30M-15.6m ³ /h-150V-1000W	2"

3SPN1-12P 145 PSI Max
100M-4.0m³/h-150V-1000W/ 1.34 HP

