



## 3SSH1.2/35-D24/210S

## 3inch Helical Rotor Solar Submersible Pump

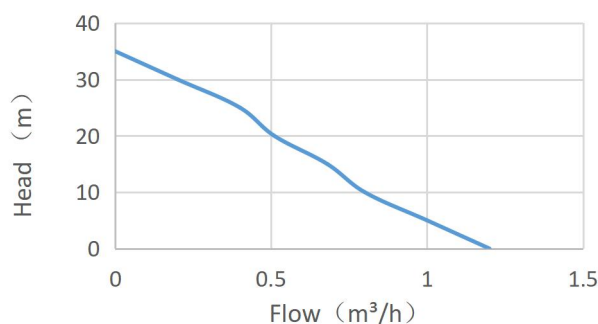
### CHARACTERISTICS

PUMP SIZE	3 inch
OUTLET SIZE	0.75 inch
POWER	210 Watt
RATED VOLTAGE	24 VDC (17 ~ 50 VDC)
MAX. FLOW	1,200 L/HR
MAX. HEAD	35 Mtrs.
PUMP LENGTH	41 CM
G.W	9 KGS

### MATERIAL

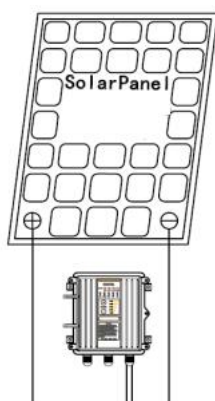
OUTLET	Die-cast 304 Stainless Steel
PUMP BODY	304 Stainless Steel
HELICAL ROTOR	304 Stainless Steel
MOTOR	Permanent Magnet Brushless DC Motor, Oil-filled
CONTROLLER SHELL	Die-cast Aluminum Enclosure (IP54)
CONTROLLER	32Bit MCU / FOC / Sine Wave Current / MPPT

### PERFORMANCE



Head(m)	0	5	10	15	20	25	30	35
Flow(m³ /h)	1.2	1.0	0.8	0.65	0.51	0.4	0.2	0

### SOLAR PANEL CONFIGURATION



36VMP / 44VOC

300W

1PC



ISO IEC CE ROHS SGS

### KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;  
Solar connects directly, without battery;  
96%-99% MPPT maximise power use from PV modules;  
Fast return on investment, Free-maintaining;  
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;  
Fast and simple installation, direct replacement for an existing Submersible pump;  
Smart modular design for simple and cost effective servicing;  
High quality non corrodible materials used throughout, Cast stainless steel components;

