

SHAKTI SOLAR SUBMERSIBLE PUMPSET

DC SNP SERIES



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INTRODUCTION

Shakti DC SNP series is a robust 4" Solar pumpset designed for long life operation, it is built mainly in a special Floating type impeller the design is to enhance the overall performance of pumps.

The optimal design of impeller and diffuser enables the best possible hydraulic efficiency. Built-in check valve prevents back flow and reduces the risk of water hammering. All vital components of these pumps are made up of corrosive resistance thermoplastic and the shaft is of SS 304.

FEATURES

- Simple installation and maintenance free
- Pump impellers are floating type.
- High efficiency design for low operation cost.
- Smart compact controller for better performance.
- Ideal for remote areas, where electricity is not available or availability is capital intensive.

APPLICATIONS

- Domestic & Residential water supply
- Gardening and Small Farm Irrigation
- Washing systems
- Civil Applications use.
- Fountains

MATERIAL SPECIFICATION:

Components	Material
Pump Outer Sleeve	AISI SS 304
Discharge Casing	AISI SS 304
Suction Casing	AISI SS 304
Diffuser	Noryl
Impeller	Noryl
Pump Shaft	AISI SS 304
Shaft Coupling	AISI SS 304
Wear Ring	AISI SS 304

CONTROLLER SPECIFICATION

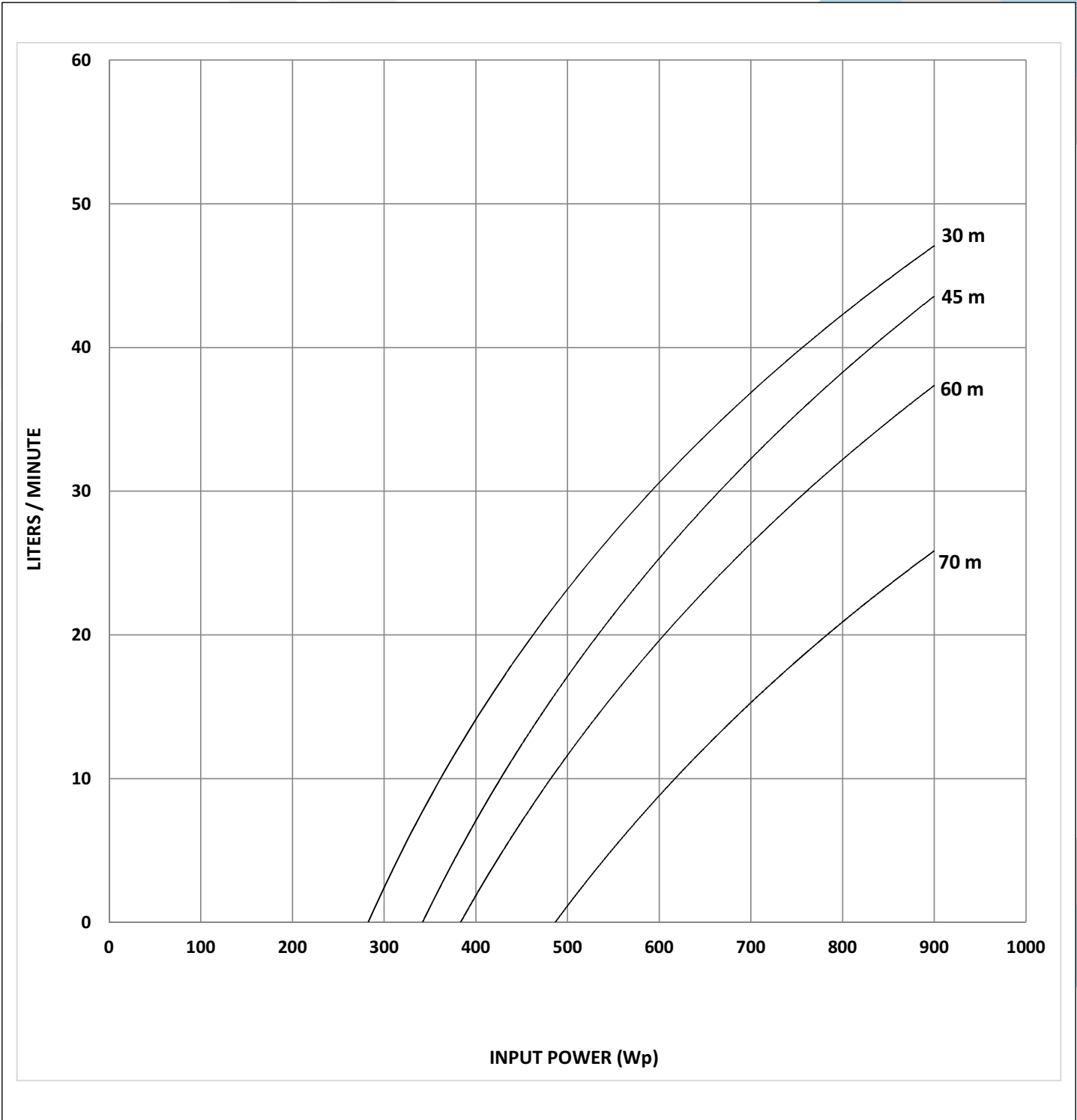
Power	300/1000 W
Min. DC Voltage	25
Max. DC Voltage(VOC)	110V
Start Voltage	25V
MPPT Voltage Range	30-90V
Max. Current	15A
Max. Power at DC side	1000W
Max. Efficiency	95%
Max. Temperature	100°C



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PERFORMANCE CURVE

MODEL : SOLAR 2 DCSNP-900 (M)
BSP 32 mm (4X4)
PUMPSET CODE : 9500002489
DISCHARGE (LPD) : 12150
DISCHARGE (LPW) : 13.5
DUTY HEAD : 60 METER





SHAKTI PUMPS (INDIA) LIMITED

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