



POWER GENERATION
FOR GENERATIONS

ROBUST AND RELIABLE SYSTEMS TO POWER YOUR WATER NEEDS.


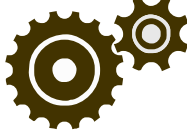








Novergy's Solar Pumps Maximise
Water Output with Hassle Free
technology.



PREMIUM QUALITY AND PROVEN PERFORMANCE.

Our solar pumps offer the highest efficiency and longevity with its Stainless steel construct. We install both Monobloc Surface as well as Submersible pumps.

BENEFITS

	Smart and automatic for longer dawn to dusk operation		High efficiency motors (which consume less energy compared to normal pumps)
	No dependence on erratic grid power or diesel. More savings.		Consistent water output year on year
	Smart detector for Undervoltage /overvoltage /short-circuit		Dry running sensor protection
	Battery less operation		Supports MPPT (to derive maximum power from your solar panels)
	Sturdy and Long Lasting. (Made of stainless steel components like impellor, body and motor).		AC as well as DC type Pumps are available.

WITH VERY HIGH
EFFICIENCY
SOLAR MODULE

> 18.2%

Certifications / Compliance / Adhering / Tested



IEC 61215
IEC 61730
IEC 61701

APPLICATIONS OF SOLAR PUMP



Agriculture and forestry irrigation



Aeration machine cooling tower and other industrial usage



Desert water supply



Apartment Hotel & Hospital



Village & Town Supply



Scenic spot fountains



SOLAR PUMPS

Novergry offers solar pumps with highest efficiency and long trouble free life due to it's construction with Stainless steel and other high quality components.

Monobloc Surface as well as submersible pumps are available.



PRODUCT RANGE

SURFACE MONOBLOC

DC : 1HP to 3HP

AC : 3HP to 60HP

Type	Surface Monobloc		
Model	NSP-MA	NSP-MB	NSP-MC
Power source	Solar powered		
Type of pump	High efficiency		
Motor	Permanent Magnet DC		
Suction Head (Lift) (Mtr)	7	7	7
Delivery Head (Mtr)	3	3	13
Max Discharge (m3/ hour)	7	20	25
Nominal Operating Volt (VDC)	30	60	90
Rated Current (Amps)	25	25	25
Solar Panel Wattage (Wp)	Upto 1000 Wp	Upto 2000 Wp	Upto 3000 Wp
Net weight (Max.)			
Control and MPPT	In-built (With Maximum power Point Tracking)		
Protections	Short-circuit / Dry run / Under voltage / overvoltage / Surge		
Warranty	1 year against manufacturing defects		

Higher capacity models available on request. | Specifications are subject to change without prior notice
 ** Head for submersible pump to be mentioned at time of ordering

SUBMERSIBLE PUMPS

Novergry offers solar pumps with highest efficiency and long trouble free life due to it's construction with Stainless steel and other high quality components.

AC as well DC submersible pumps are available.



PRODUCT RANGE

SUBMERSIBLE BOREWELL

AC : 3HP to 40HP

DC : 1HP to 5HP

SUBMERSIBLE OPENWELL

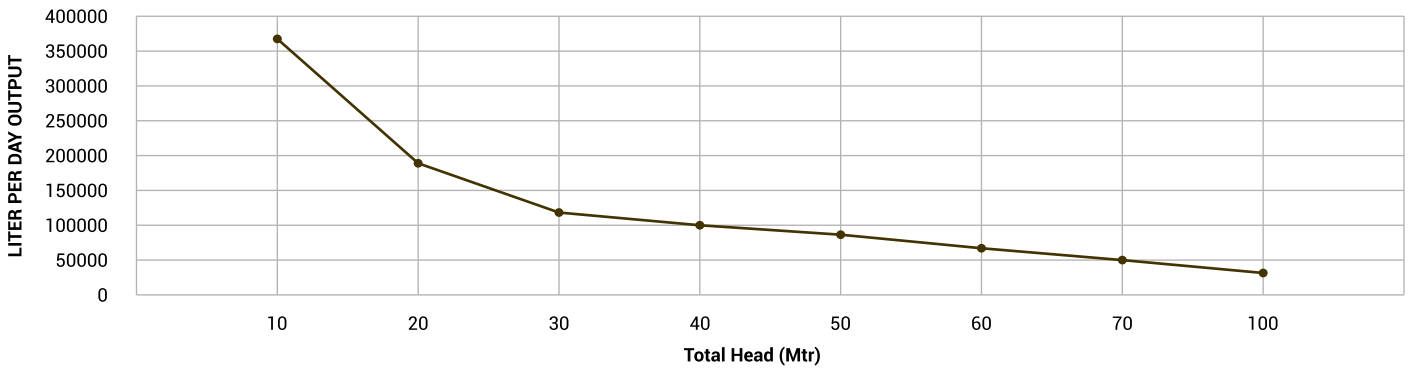
AC : 3HP to 20HP

Type	Submersible					
Model	NSP-SA-C	NSP-SA-H	NSP-SB	NSP-SC	NSP-SD	NSP-SE
Power source	Solar powered - (Option to power with Dual source also - Solar and DG / Grid)					
Type of pump	High efficiency					
Material	Stainless Steel (SS body, SS Impellor, SS motor)					
Motor	Permanent magnet DC	Permanent magnet DC	AC induction	AC induction	AC induction	AC induction
Head (mtr) **	Upto 50	30 to 220	Upto 100	Upto 180	Upto 180	Upto 220
Solar Panel (Wp)	200 to 1890	200 to 1890	3000	5000	7500	10000
Net weight (Kg)	8.8	10.5				
Electronic Controller	In-built in pump	In-built in pump	Separate enclosure	Separate enclosure	Separate enclosure	Separate enclosure
MPPT	In-built (With Maximum power Point Tracking)					
Protections	Short-circuit / Dry run / Under voltage / overvoltage / Surge					
Warranty	1 year against manufacturing defects					

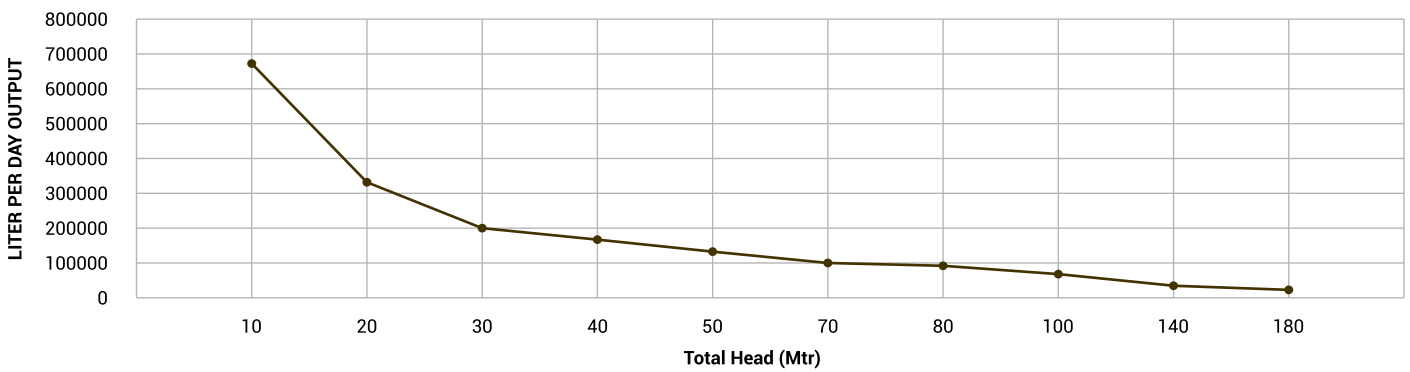
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ESTIMATED WATER OUTPUT

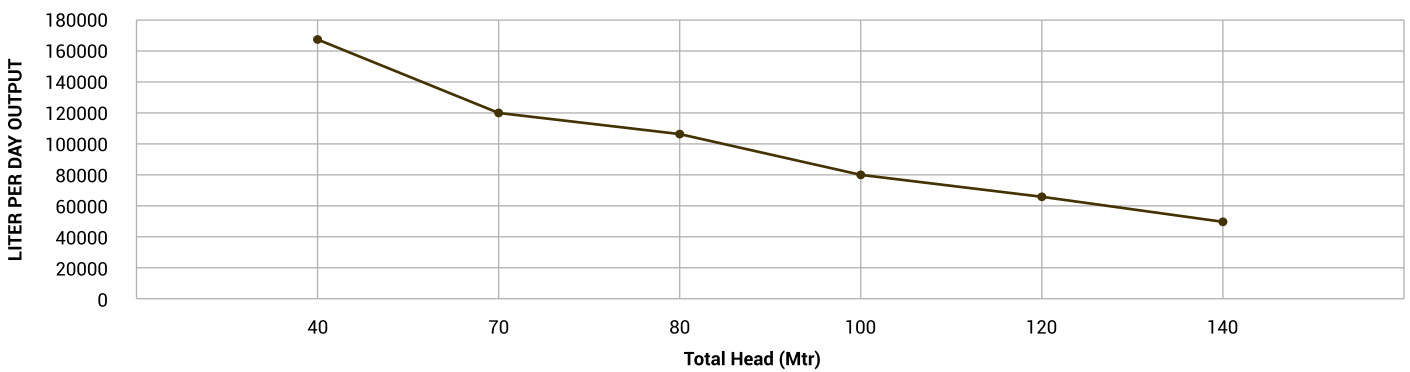
NSP-SB



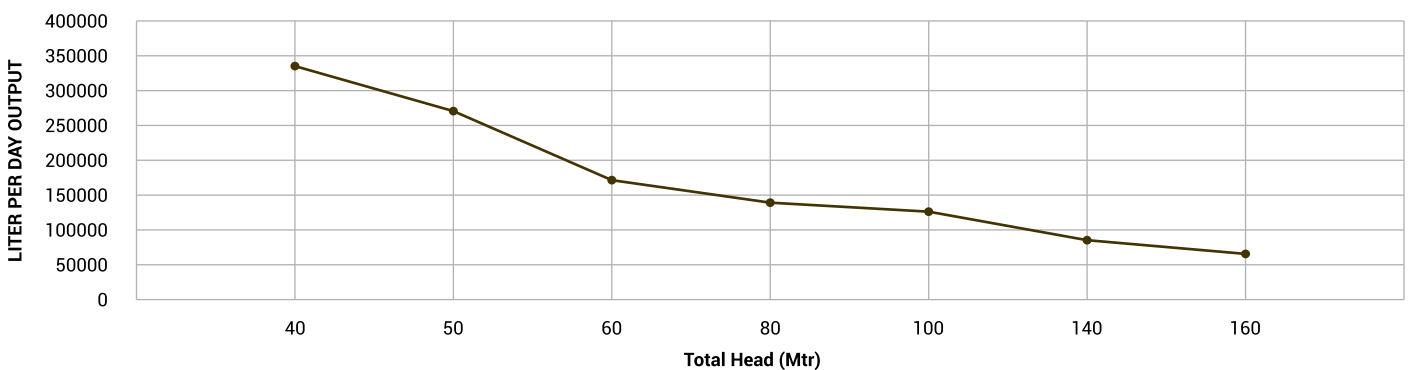
NSP-SC



NSP-SD

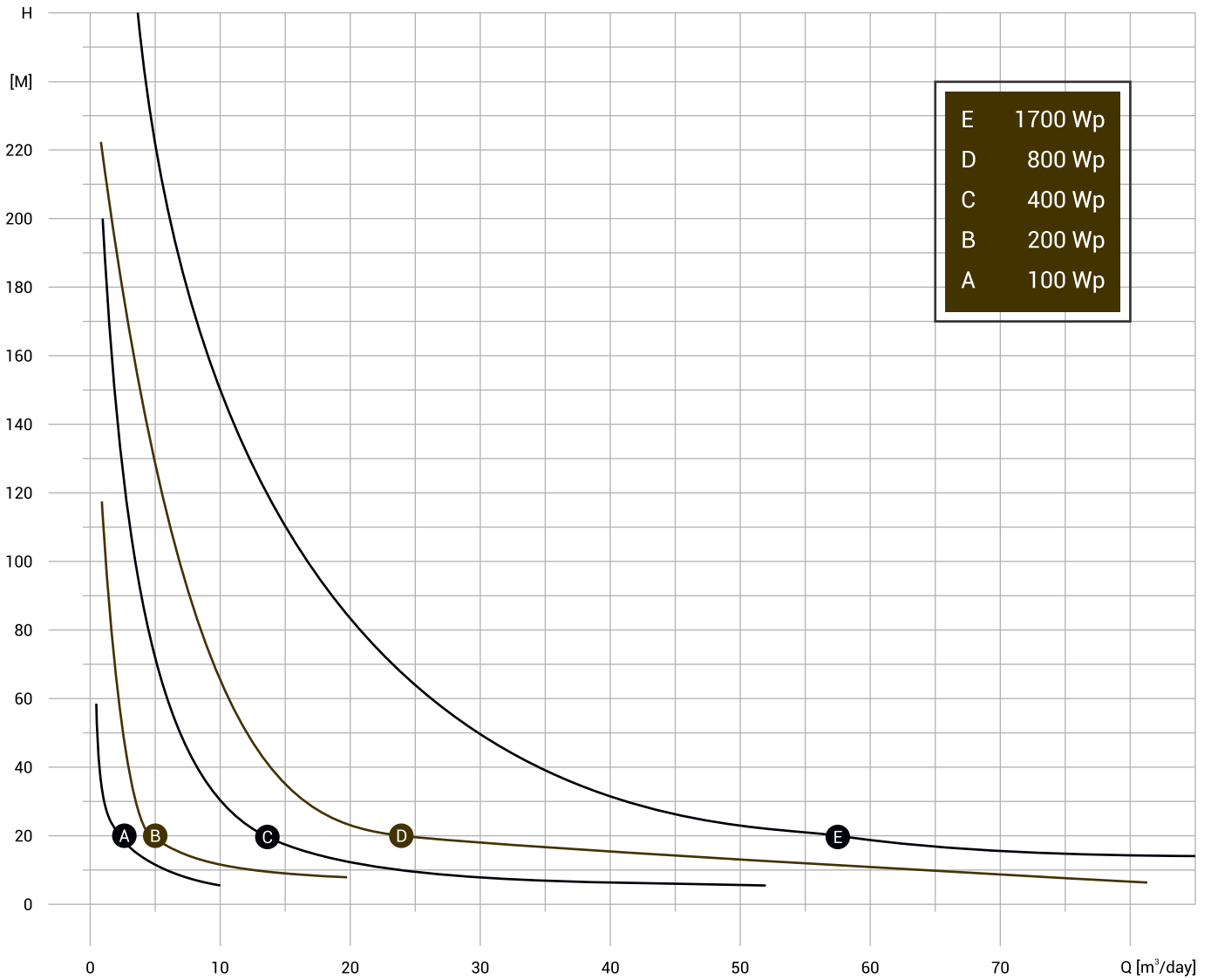


NSP-SE



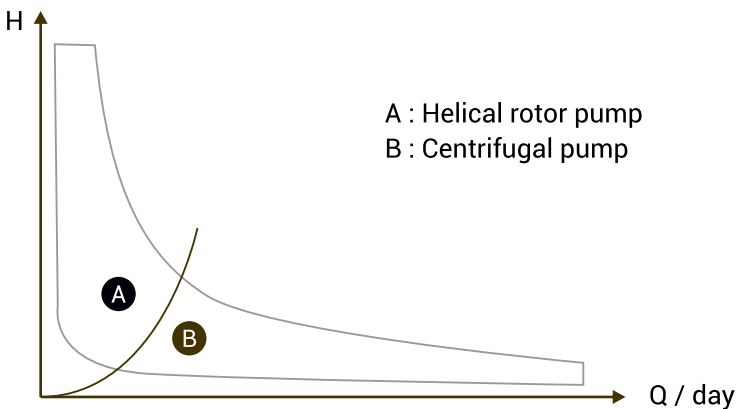
DAILY AVERAGE WATER OUTPUT CURVE

NSP-SA-C and NSP-SA-H



Note : Above curve based on (a) 6 KWh/m2/day solar radiation (b) Ambient temperature 30 Deg. C

PERFORMANCE RANGES FOR HELICAL ROTOR & CENTRIFUGAL PUMPS



NOVERGY GLOBAL PRESENCE.



Get assured water delivery from Solar.
Contact a Novergy Expert Today!

Write to enquiry@novergy.net | info@novergy.co.in

Visit us at novergy.co.in