

NERA SOLAR PUMP COMBO



VSONERA02/01C

NASTEC NERA solar pump 02/01H combo with 3 solar panels 302SD180HV.

HELICAL ROTOR PUMP

- Highest hydraulic efficiency
- Hard chromed rotor
- High quality EPDM stator

MOTOR

- High efficiency permanent magnet motor
- Resined and encapsulated stator made of stainless steel AISI 304
- Water cooled rotor
- Kingsbury thrust bearing

ENCAPSULATED ELECTRONIC

- High efficiency encapsulated inverter
- MPPT for maximum flow in all weather conditions
- Overcurrent, overtemperature and dry-run protected
- Removable power cable
- Water level sensor

3 SOLAR PANELS

- 180 Watt
- Voltage 36 V (Vmp)
- Current 5 A
- Open circuit voltage 44 V (Voc)

OPERATING CONDITIONS

- 60 m 6500 ℓ/day
- 50 m 9000 ℓ/day
- 40 m 11900 ℓ/day

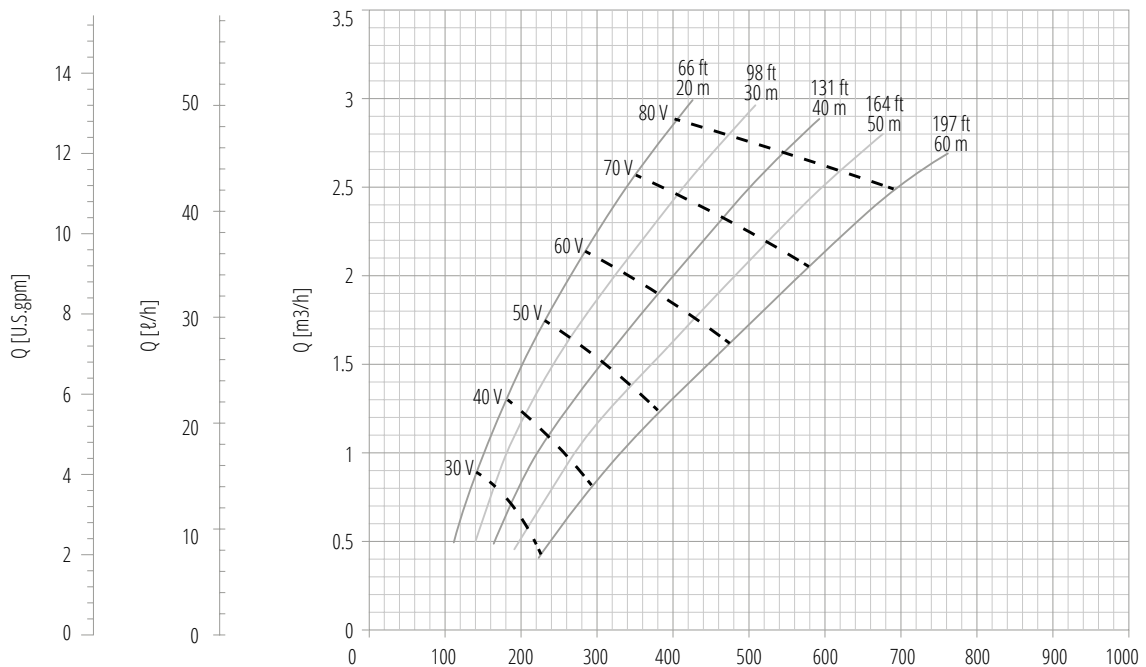
CABLE SELECTION

- 4 mm² 3 Core (Max. 100 m)
- 4 mm² 3 Core (Max. 80 m)
- 2.5 mm² 3 Core (Max. 60 m)

NOT INCLUDED

- HDPE pipe
- Maximum power voltage 36 V
- 2 x 32 mm Compression adaptors
- Base plate
- Submersible cable (3 core)
- Valves and fittings

NERA



TYPE	VOLTAGE	MAX ABSORBED CURRENT	MAX ABSORBED POWER	LENGTH mm	DISCHARGE	PUMP WEIGHT kg	MAX DIAMETER mm	PACKING DIMENSIONS	TOTAL WEIGHT kg
		A	P1 [W]						
VSONERA02/01C	26 - 190 VDC	10 (130 VDC)	800	890	1 1/4"	10	99*	77 x 21 x 26	12

* Max. external diameter including cable and cable cover