



P R O D U C T

CATALOGUE

3EPC
AC/DC
SOLAR
BOREHOLE
PUMP
SERIES



3" AC/DC Solar Pump 3EPC3.5-95-110-750 A/D

Applications

For water supply from boreholes

For domestic, garden and irrigation applications

Technical Data

Outlet Size : 1&1/4" (32mm)

Optimum AC Input Voltage :
85V – 280V (AC)

Optimum DC Input Voltage :
80V – 430V

(DC) Open Circuit Voltage : <430V

Power : 750W

Max Flow : 3.5m³/Hour

Max Head : 95m

Equip with solar Panels (not included) only or Solar panels with battery (Not included) or 220V AC Power

4 x 265W

Solar Panels

Max Power: 265W

S/O Current: 8.7A

O/C Voltage: 36.6V

Max power I = 7.68A

Max Power V = 30.6V

4 x 330W

Solar Panels

Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

Max power I = 7.15A

Max Power V = 34.28V

Operating Conditions

Maximum fluid temperature
up to +35°C

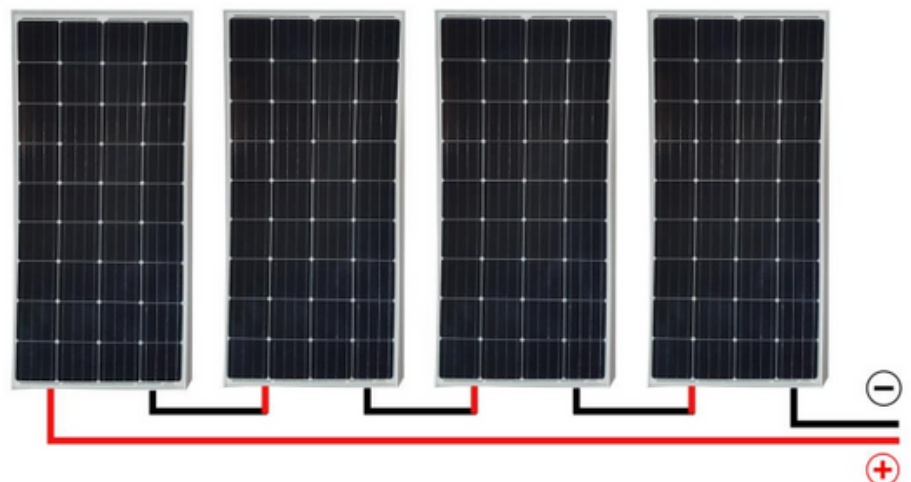
Maximum sand content:
0.25%

Minimum well diameter: 4"
(75mm)

Automatic Inverter control box included Pumps are designed by casing stressed NEMA Dimension standards

Curve tolerance according to ISO 9906

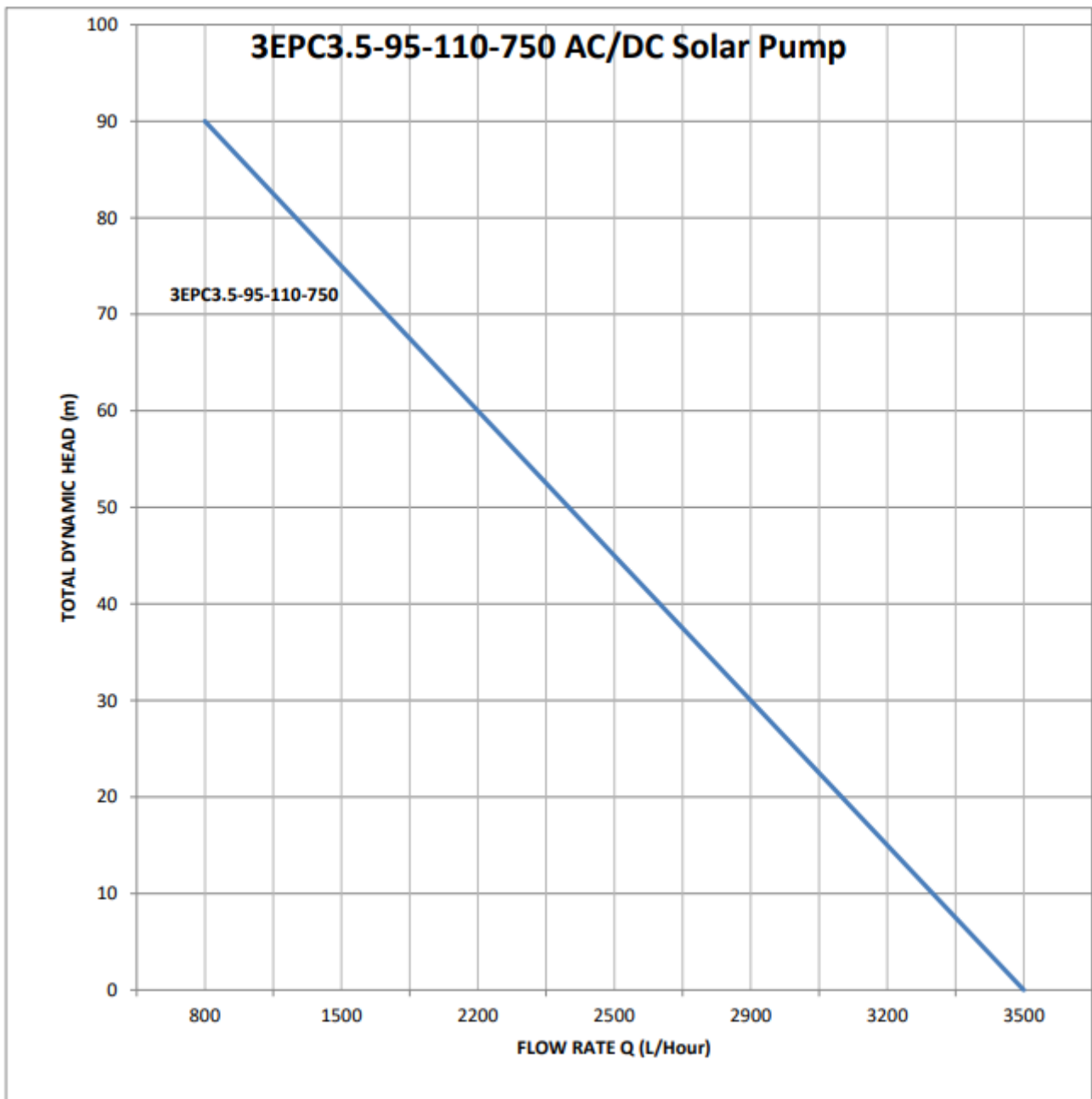
Warranty: 1 year
(According to our general sales conditions)



Technical Data

Model	Motor Power		Delivery N @ 2850 r/min							
	KW	VOLTS	Q	M3/h	0.8	1.5	2.2	2.5	2.9	3.2
3" AC/DC SOLAR				L/h	800	1500	2200	2500	2900	3200
3EPC3.5-95-110-750	0.75	110V	H(m)		90	75	60	45	30	15

Performance Curve



3" AC/DC Solar Pump 3EPC3.8-123-150-1100

Applications

For water supply from boreholes

For domestic, garden and irrigation applications

Technical Data

Outlet Size : 1&1/4" (32mm)

Optimum AC Input Voltage :
85V – 280V

Optimum DC Input Voltage :
80V – 430V

(DC) Open Circuit Voltage : <430V

Power : 1100W

Max Flow : 3.5m³/Hour

Max Head : 123m

Equip with solar Panels (not included) only or Solar panels with battery (Not included) or 220V AC Power

6 - 8 x 265W

Solar Panels

Max Power: 265W

S/O Current: 8.7A

O/C Voltage: 36.6V

Max power I = 7.68A

Max Power V = 30.6V

5 - 7 x 330W

Solar Panels

Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

Max power I = 7.15A

Max Power V = 34.28V

Operating Conditions

Maximum fluid temperature
up to +35°C

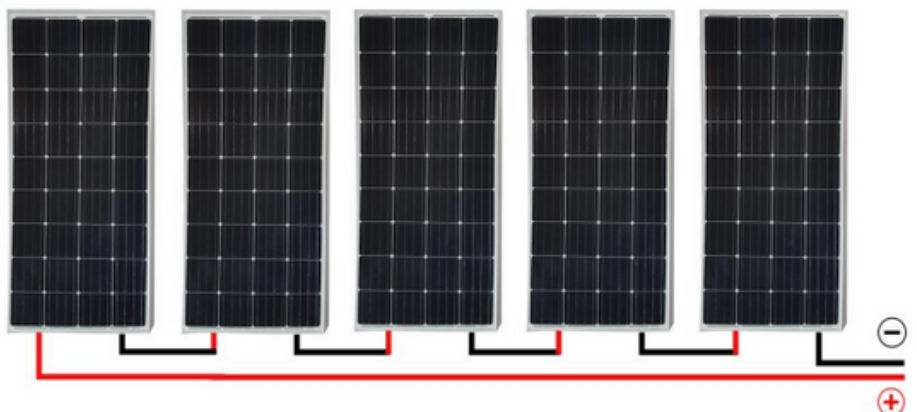
Maximum sand content:
0.25%

Minimum well diameter: 4"
(100mm)

Automatic Inverter control box included Pumps are designed by casing stressed NEMA Dimension standards

Curve tolerance according to ISO 9906

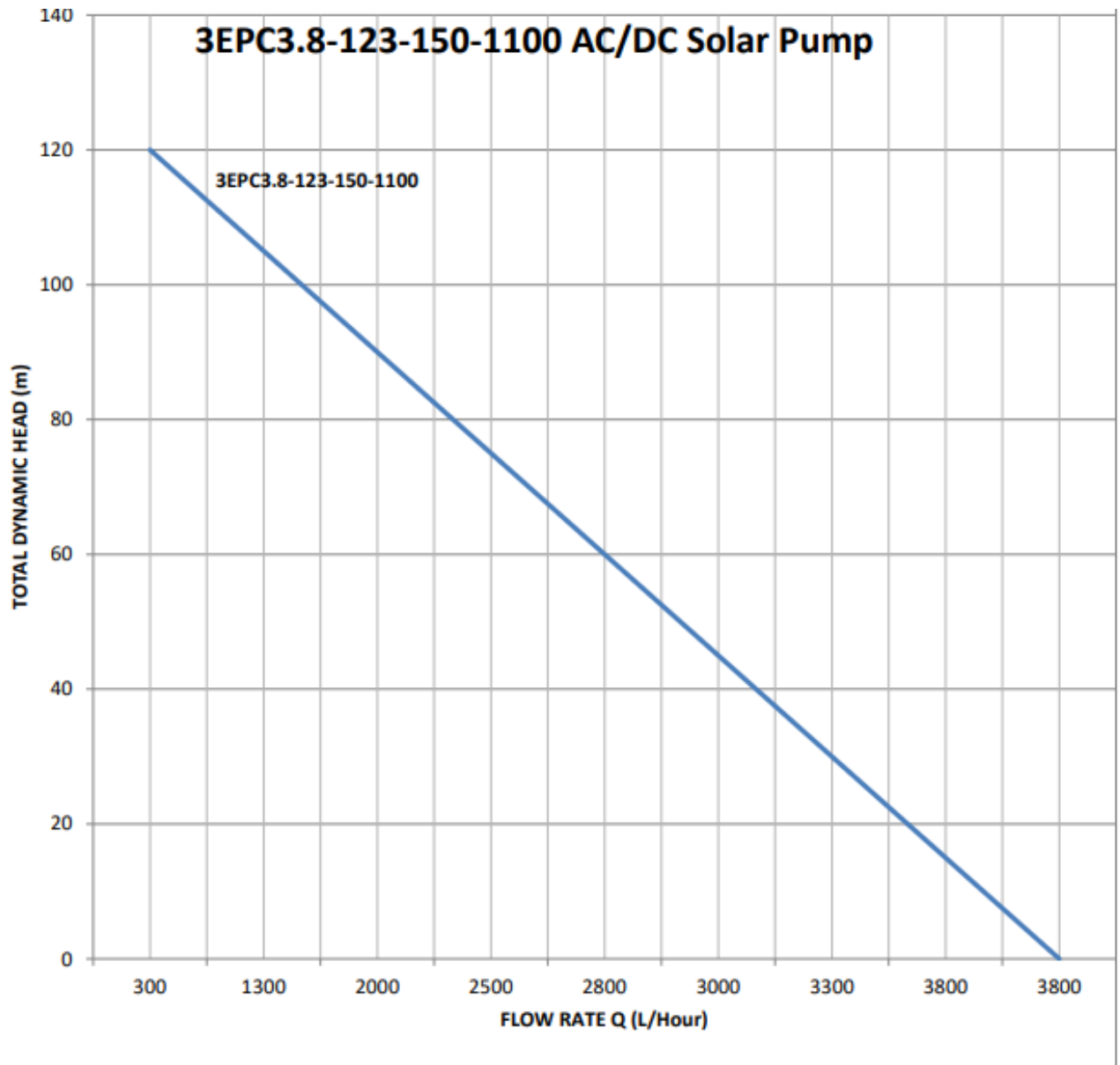
Warranty: 1 year
(According to our general sales conditions)



Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
3" AC/DC SOLAR	KW	VOLTS	Q	M3/h	0.3	1.3	2	2.5	2.8	3	3.3	3.8
				L/h	300	1300	2000	2500	2800	3000	3300	3800
3EPC3.8-123-150-1100	1.1	110V	H(m)		120	105	90	75	60	45	30	15

Performance Curve



3" AC/DC Solar Pump 3EPC3.8-155-150-1300

Applications

For water supply from boreholes

For domestic, garden and irrigation applications

Technical Data

Outlet Size : 1&1/4" (32mm)

Optimum AC Input Voltage :

85V – 280V

Optimum DC Input Voltage :

80V – 430V

(DC) Open Circuit Voltage : <430V

Power : 1300W

Max Flow : 3.5m³/Hour

Max Head : 155m

Equip with solar Panels (not included) only or Solar panels with battery (Not included) or 220V AC Power

4 - 7 x 265W

Solar Panels

Max Power: 265W

S/O Current: 8.7A

O/C Voltage: 36.6V

Max power I = 7.68A

Max Power V = 30.6V

4 - 6 x 330W

Solar Panels

Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

Max power I = 7.15A

Max Power V = 34.28V

Operating Conditions

Maximum fluid temperature

up to +35°C

Maximum sand content:

0.25%

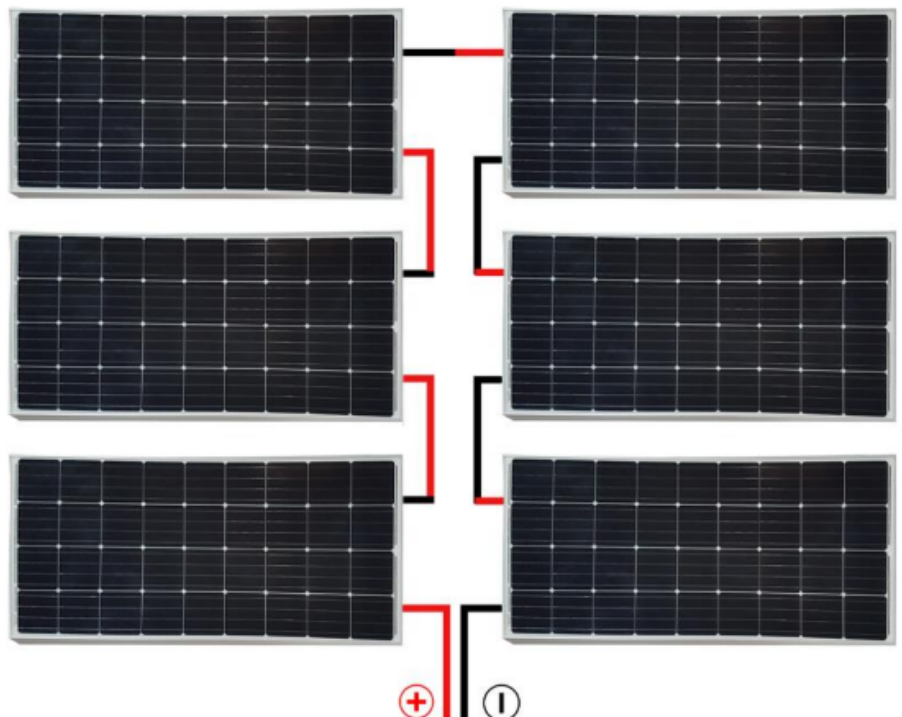
Minimum well diameter: 4"

(100mm)

Automatic Inverter control box included Pumps are designed by casing stressed NEMA Dimension standards

Curve tolerance according to ISO 9906

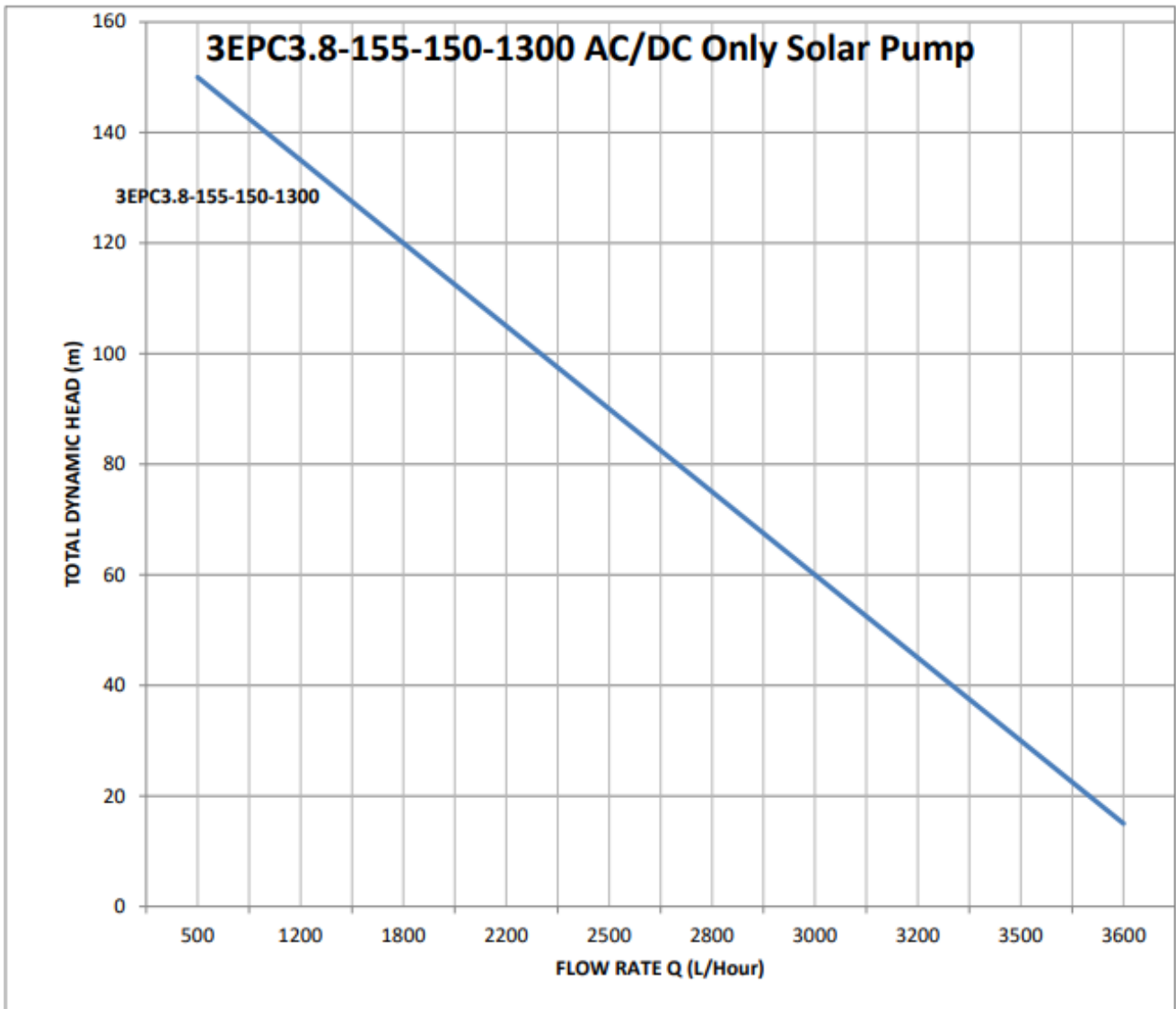
Warranty: 1 year
(According to our general sales conditions)



Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h L/h	0.5	1.2	1.8	2.2	2.8	3	3.2	3.6
3" AC/DC SOLAR					500	1200	1800	2200	2800	3000	3200	3600
3EPC3.8-155-150-1300	1.3	110V	H(m)		150	135	120	105	75	60	45	15

Performance Curve



3" AC/DC Solar Pump 3EPC3.8-180-200-1500

Applications

For water supply from boreholes

For domestic, garden and irrigation applications

Technical Data

Outlet Size : 1&1/4" (32mm)

Optimum AC Input Voltage :
85V – 280V

Optimum DC Input Voltage :
80V – 430V

(DC) Open Circuit Voltage : <430V

Power : 1500W

Max Flow : 3.9m³/Hour

Max Head : 180m

Equip with solar Panels (not included) only or Solar panels with battery (Not included) or 220V AC Power

Operating Conditions

Maximum fluid temperature
up to +35°C

Maximum sand content:
0.25%

Minimum well diameter: 4"
(100mm)

Automatic Inverter control box included Pumps are designed by casing stressed NEMA Dimension standards

Curve tolerance according to ISO 9906

Warranty: 1 year
(According to our general sales conditions)

8 x 265W

Solar Panels

Max Power: 265W

S/O Current: 8.7A

O/C Voltage: 36.6V

Max power I = 7.68A

Max Power V = 30.6V

8 x 330W

Solar Panels

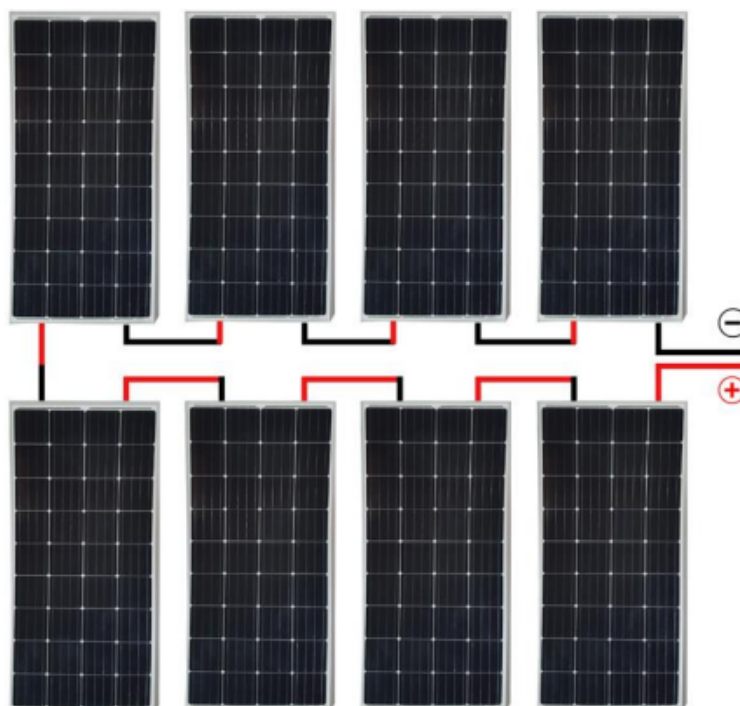
Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

Max power I = 7.15A

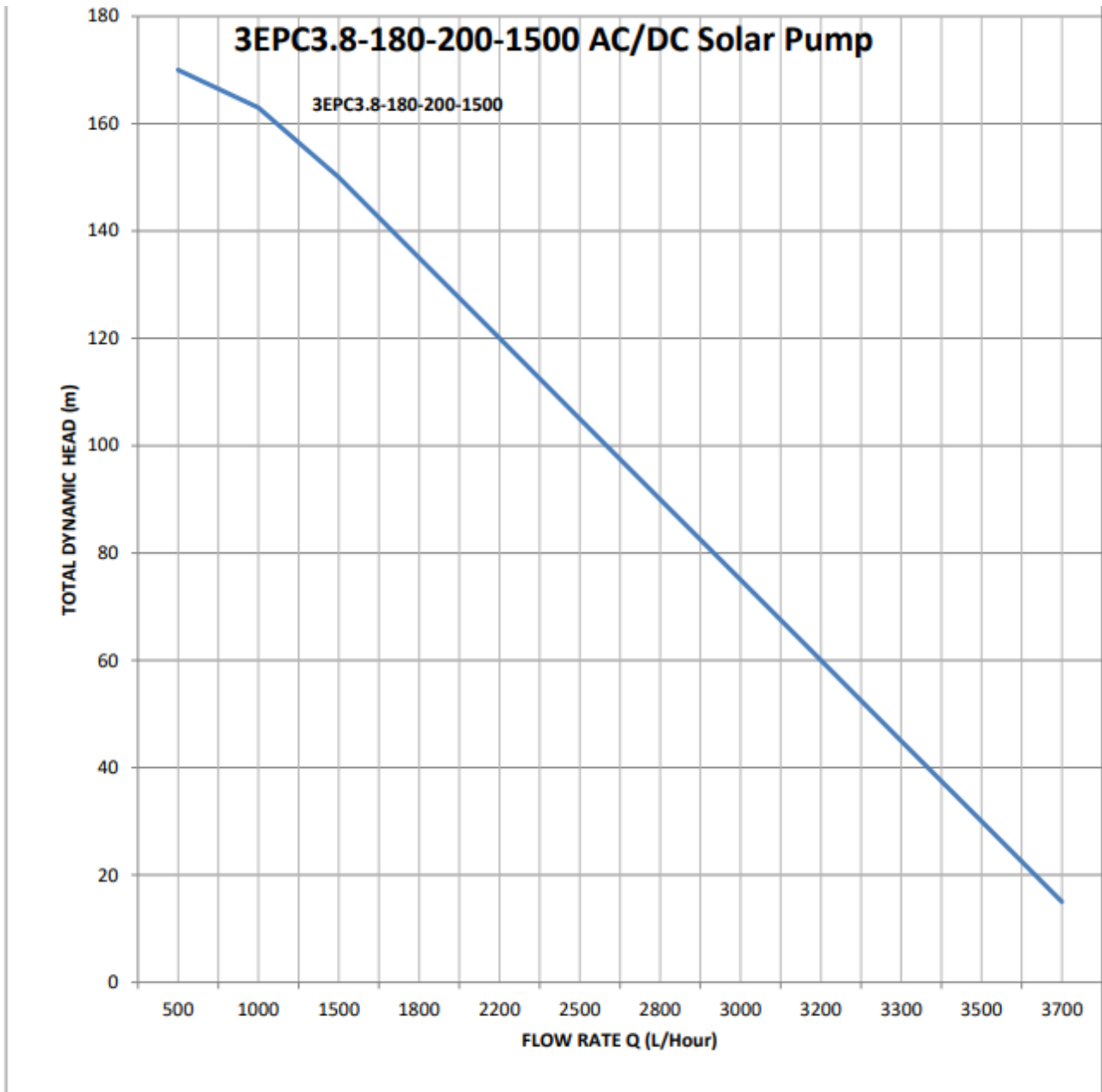
Max Power V = 34.28V



Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h	3.7	3.5	3.2	2.8	2.5	2.2	1.5	0.5
3" AC/DC SOLAR				L/h	3700	3500	3200	2800	2500	2200	1500	500
3EPC3.8-180-200-1500 A/D	1.5	110V	H(m)		15	30	60	90	105	120	150	170

Performance Curve





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