



The
WATER & SOLAR COMPANY
WATER & ENERGY SYSTEMS

4EPC AC/DC SOLAR BOREHOLE PUMP SERIES

PRODUCT CATALOGUE

4" AC/DC SOLAR PUMP 4EPC6-56-110-750

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 : 6m³/Hour

Max Head : 56m

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

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

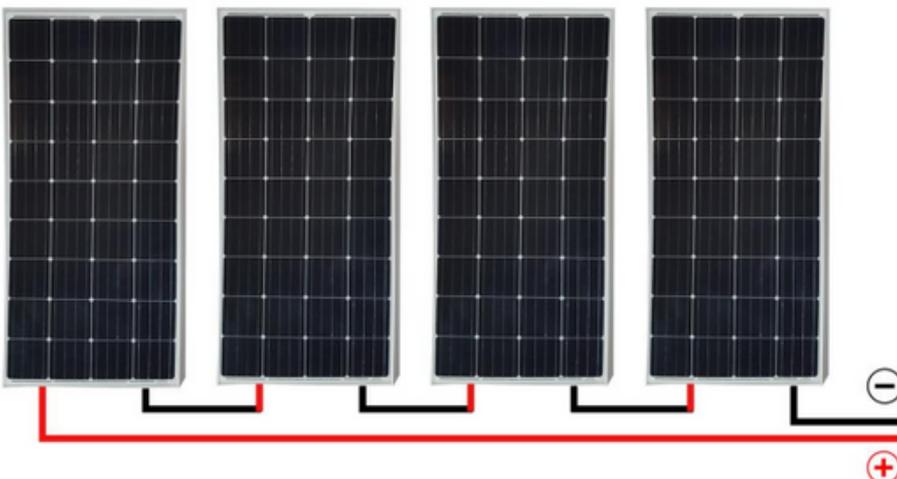
Operating Conditions

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



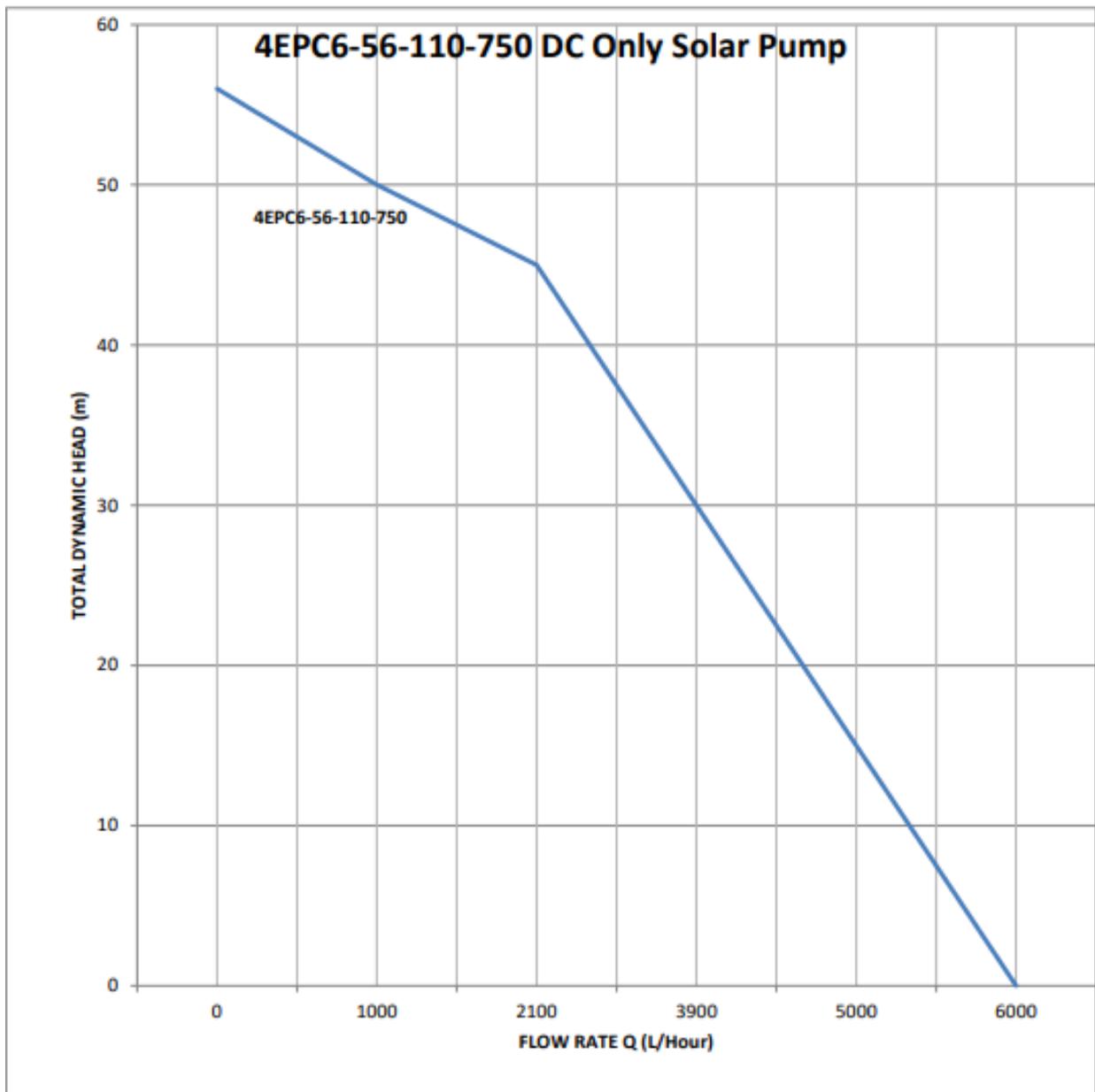
4 x 265W
Solar Panels
Max Power: 265W
S/O Current: 8.7A
O/C Voltage: 36.6V
Max power I = 7.68A
Max Power V = 30.6V

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

Technical Data

Model	Motor Power		Delivery N @ 2850 r/min							
	KW	VOLTS	Q	M3/h	0	1	2.1	3.9	5	6
4" AC/DC SOLAR				L/h	0	1000	2100	3900	5000	6000
4EPC6-56-110-750	0.75	110V	H(m)		56	50	45	30	15	0

Performance Curve



4" AC/DC Solar Pump 4EPC6-84-150-1100

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 (AC)

Optimum DC Input Voltage :
80V – 430V

(DC) Open Circuit Voltage : <430V

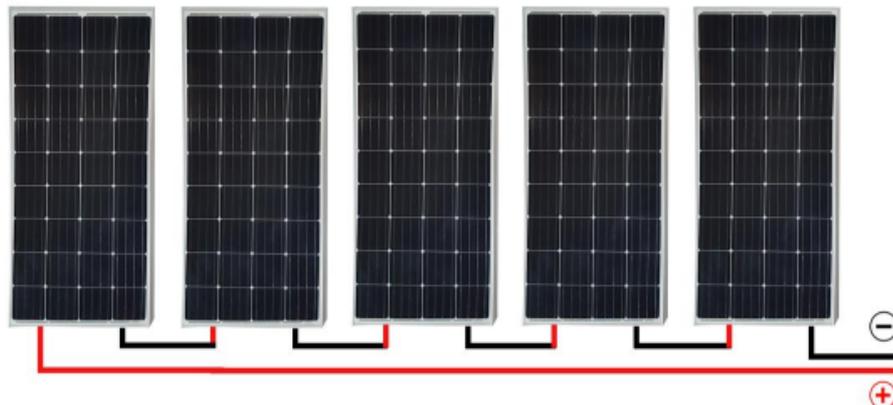
Power : 1100W

Max Flow : 6m³/Hour

Max Head : 84m

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

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



Automatic Inverter control box included
Pumps are designed by casing stressed NEMA Dimension standards
Curve tolerance according to ISO 9906

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

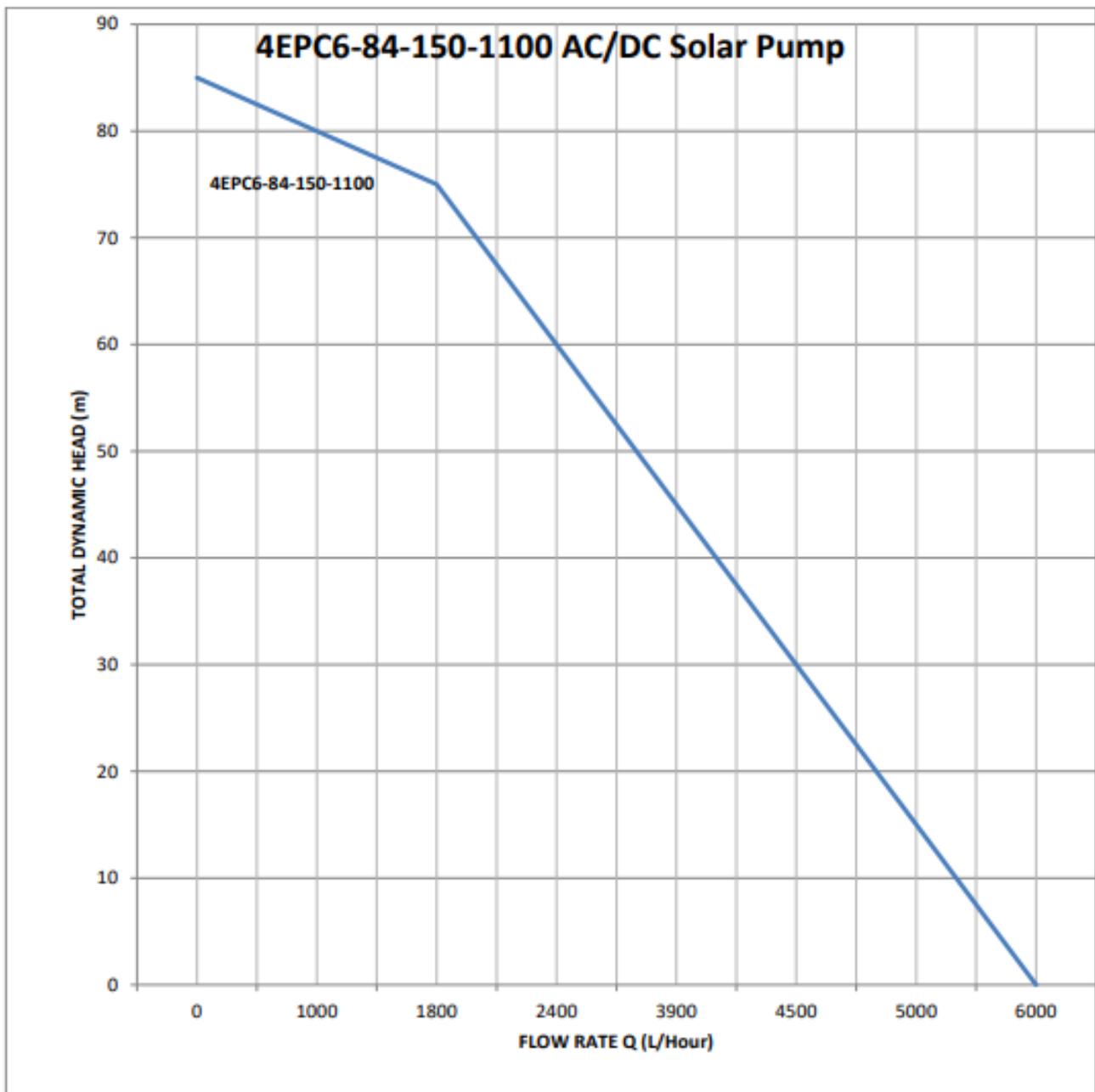
Max power I = 7.15A

Max Power V = 34.28V

Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h	0	1	1.8	2.4	3.9	4.5	5	6
4" AC/DC SOLAR				L/h	0	1000	1800	2400	3900	4500	5000	6000
4EPC6-84-150-1100	1.1	150V	H(m)		85	80	75	60	45	30	15	0

Performance Curve



4" AC/DC Solar Pump 4EPC6-112-150-1300

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 (AC)

Optimum DC Input Voltage :
80V – 430V

(DC) Open Circuit Voltage : <430V

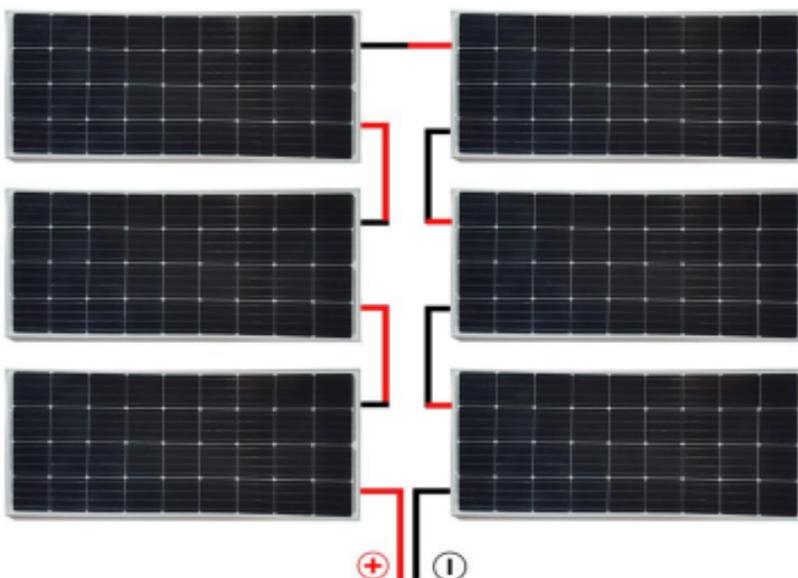
Power : 1300W

Max Flow : 6m³/Hour

Max Head : 112m

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

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



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

8 - 9 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

6 - 8 x 330W

Solar Panels

Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

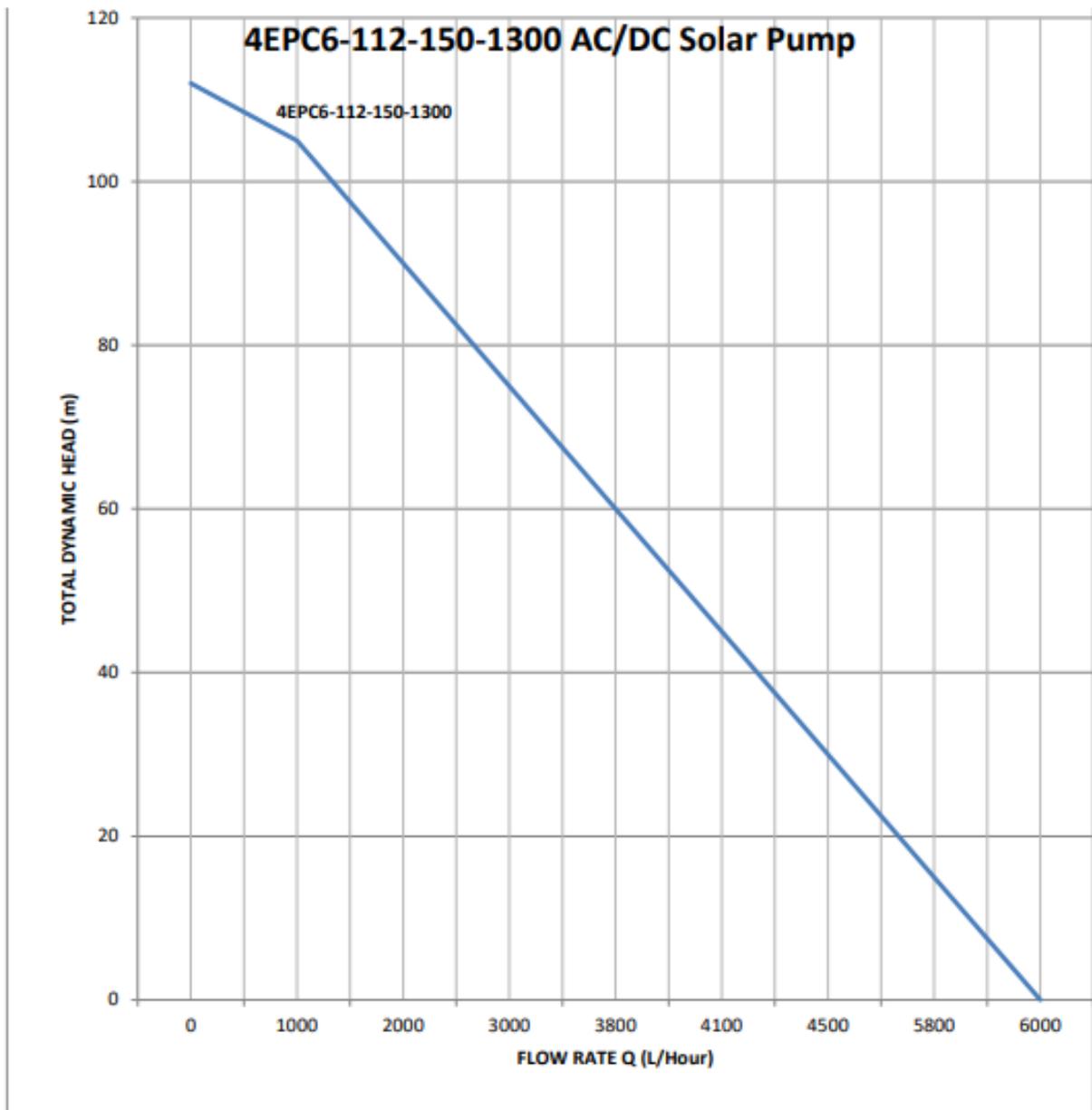
Max power I = 7.15A

Max Power V = 34.28V

Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h	0	1	2	3	4.1	4.5	5.8	6
4" AC/DC SOLAR				L/h	0	1000	2000	3000	4100	4500	5800	6000
4EPC6-112-150-1300	1.3	150	H(m)		112	105	90	75	45	30	15	0

Performance Curve



4" AC/DC Solar Pump 4EPC6-175-300-2200

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

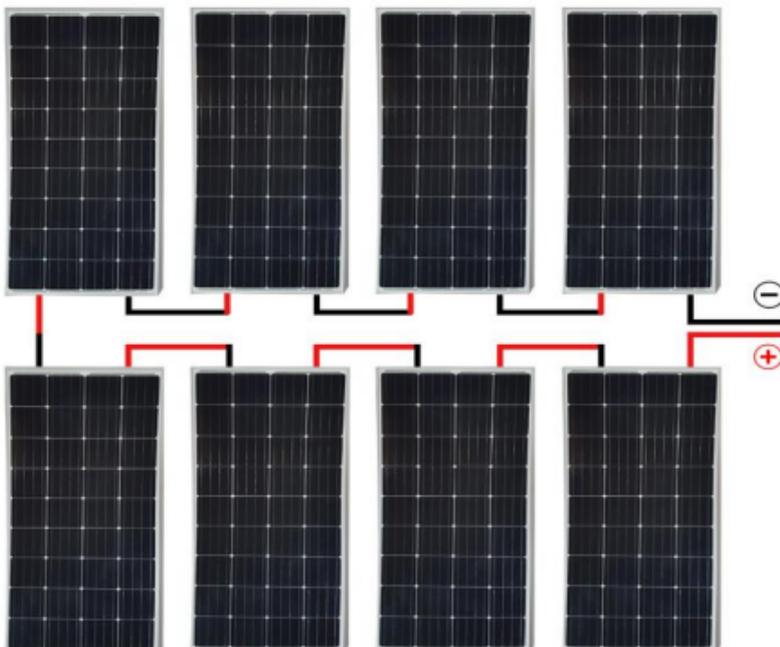
Power : 2200W

Max Flow : 6m³/Hour

Max Head : 175m

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

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



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

10 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 - 9 x 330W

Solar Panels

Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

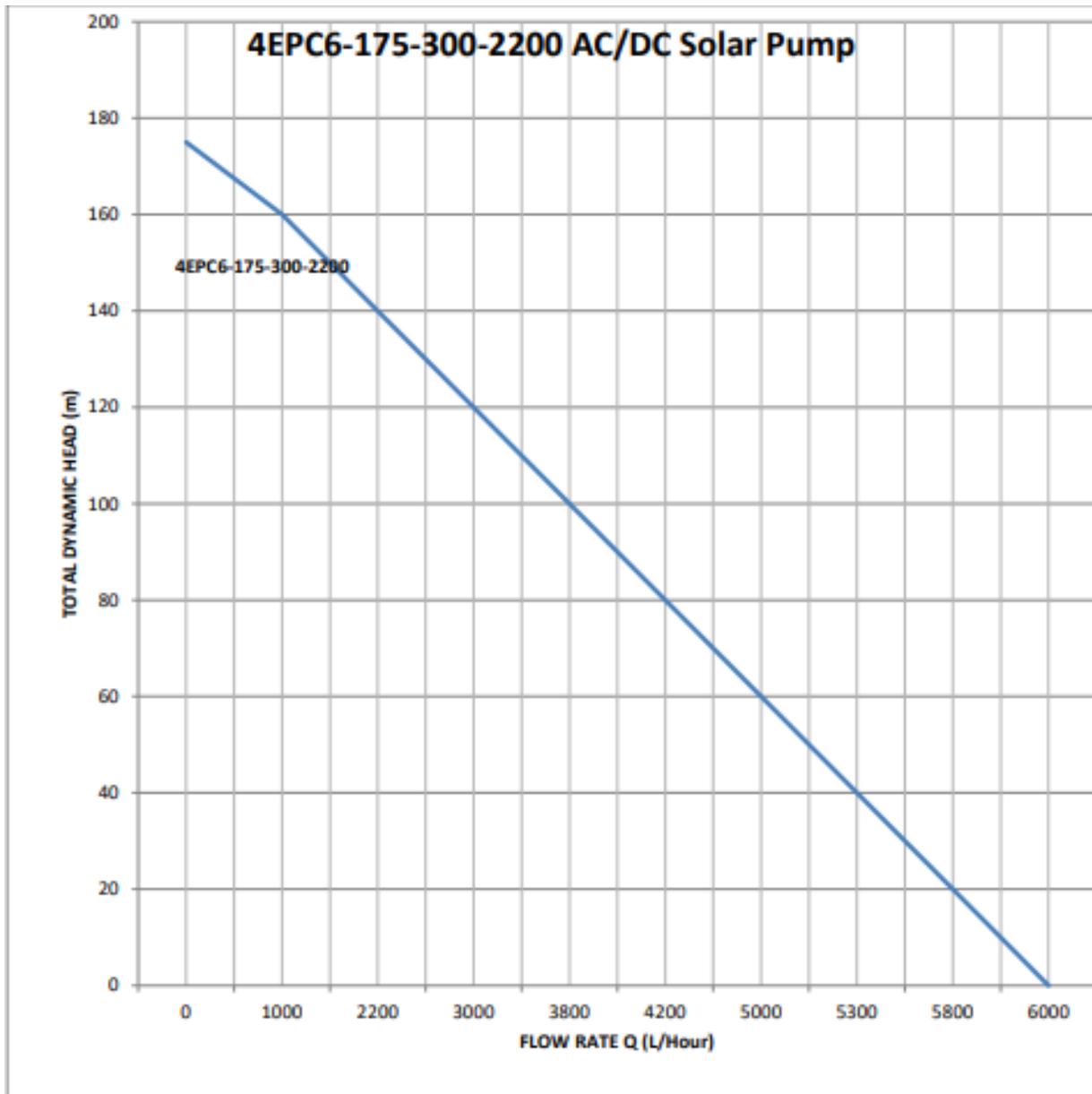
Max power I = 7.15A

Max Power V = 34.28V

Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h	0	1	2.2	3	4.2	5	5.8	6
4EPC6-175-300-2200	2.2	300V		L/h	0	1000	2200	3000	4200	5000	5800	6000
			H(m)		175	160	140	120	80	60	20	0

Performance Curve





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