

# 4" ELR AC/DC SOLAR BOREHOLE PUMP SERIES



# PRODUCT CATALOGUE

# 4" AC/DC Solar Pump 4ELR4.5-85-110-750

## 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

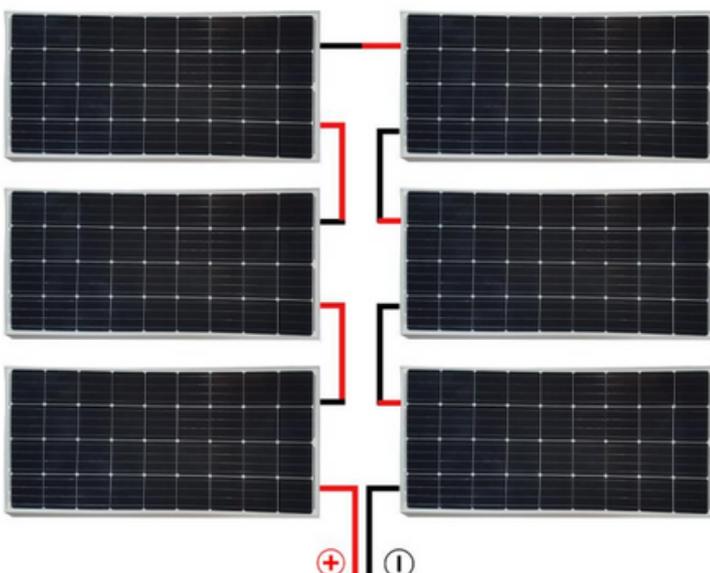
Power : 750W

Max Flow : 4.5m<sup>3</sup>/Hour

Max Head : 85m

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 - 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

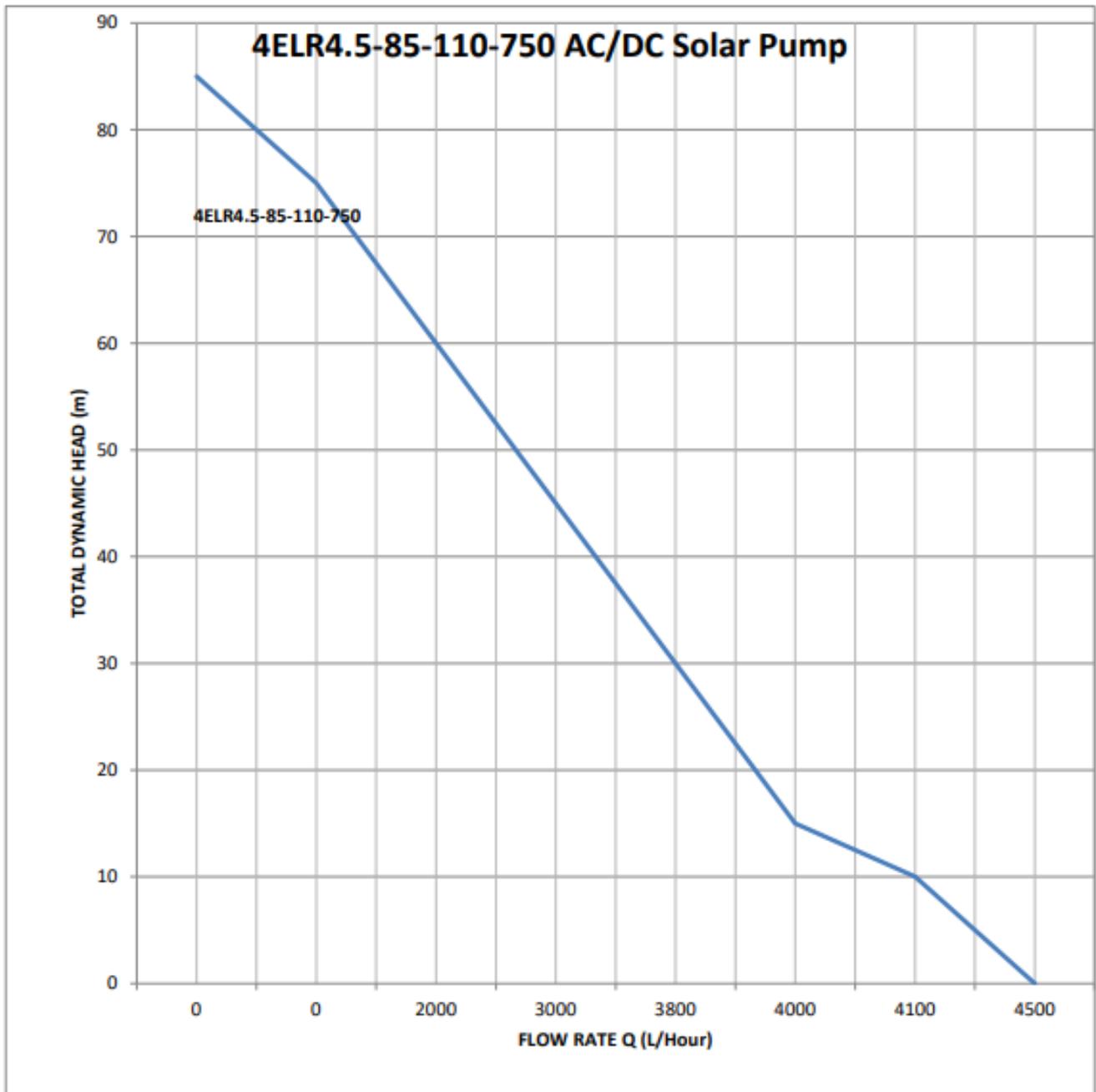
Max power I = 7.15A

Max Power V = 34.28V

# Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M3/h	0	1	2	3	3.8	4	4.1	4.5
4" AC/DC SOLAR					L/h	0	1000	2000	3000	3800	4000	4100
4ELR4.5-85-110-750	0.75	110V	H(m)		85	75	60	45	30	15	10	0

## Performance Curve



# 4" AC/DC Solar Pump 4ELR7.5-100-150-1100

## 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 : 7.5m<sup>3</sup>/Hour

Max Head : 100m

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

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

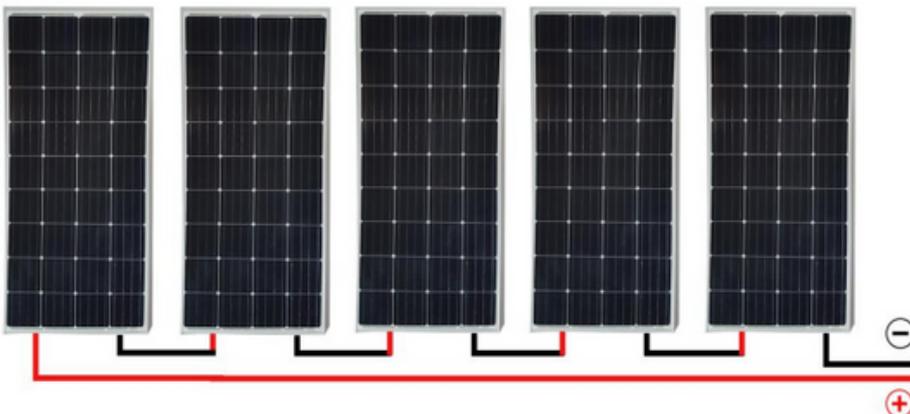
Max Power: 330W

S/O Current: 9.33A

O/C Voltage: 45.64V

Max power I = 7.15A

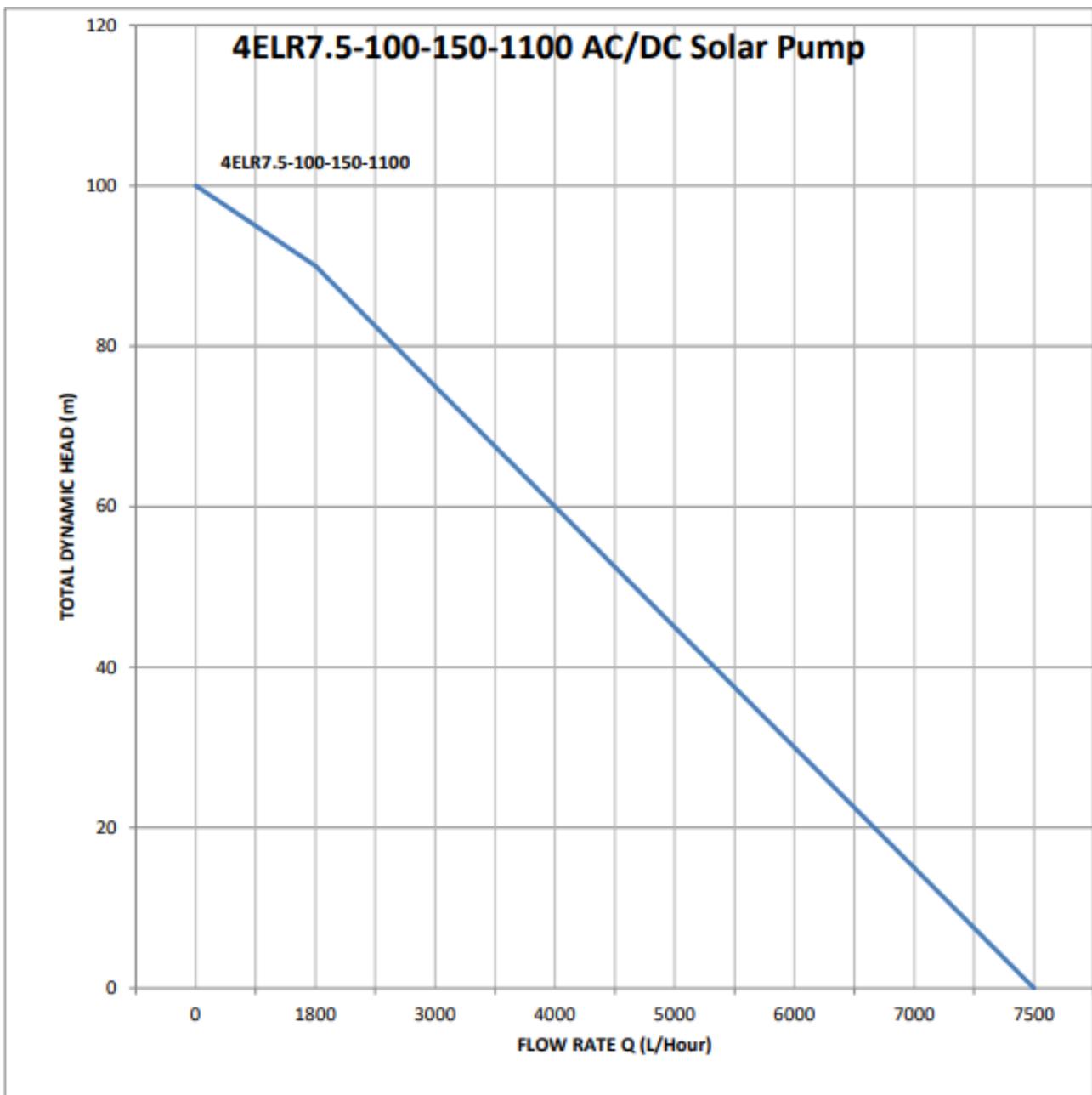
Max Power V = 34.28V



# Technical Data

Model	Motor Power		Delivery N @ 2850 r/min									
	KW	VOLTS	Q	M <sup>3</sup> /h	0	1.8	3	4	5	6	7	7.5
4" AC/DC SOLAR				L/h	0	1800	3000	4000	5000	6000	7000	7500
4ELR7.5-100-150-1100	1.1	150	H(m)		100	90	75	60	45	30	15	0

## Performance Curve





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