

Waterbuoy 250W 24V Solar Direct System

These systems offer the latest technology. With solar modules becoming less expensive, it makes sense to store water during sunny periods than to charge batteries.

In normal sunlight, this pump systems will do the following:

<u>Vertical lift (ft)</u>	<u>US Gallons per hour</u>
0	3700
6	2500
12	1600
18	800
21	300

Using these numbers, we made the following predictions as an average from May to September. Please remember, with solar direct, performance can vary greatly given many factors.

250W Performance* May to September

Vertical Lift (ft)	Gallons per day	Cow/Calf Pairs (25 gpd)	Dry Cow (14 gpd)	Yearling Feeder (9 gpd)	Milk Cow (35gpd)
6	15000	600	1070	1665	425
12	9600	380	680	1065	270
18	4800	190	340	530	135
21	1800	72	125	200	50

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