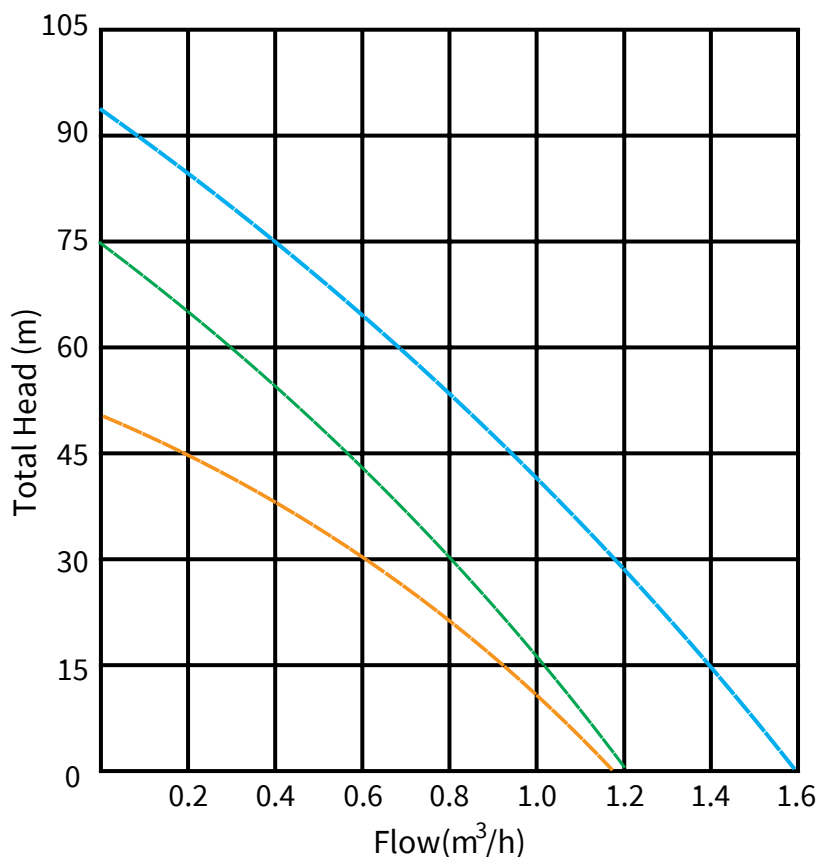


# DC Solar Submersible Pumps

## Spitfire Pumps Range Info:

- Oil-filled motor
- Dry run protection (sensor)
- Can be installed 25m under water level
- Pre-Wired MC4 connectors
- 1 - Year warranty
- No batteries needed!
- Excellent track record in SA



### Spitfire 50 -----

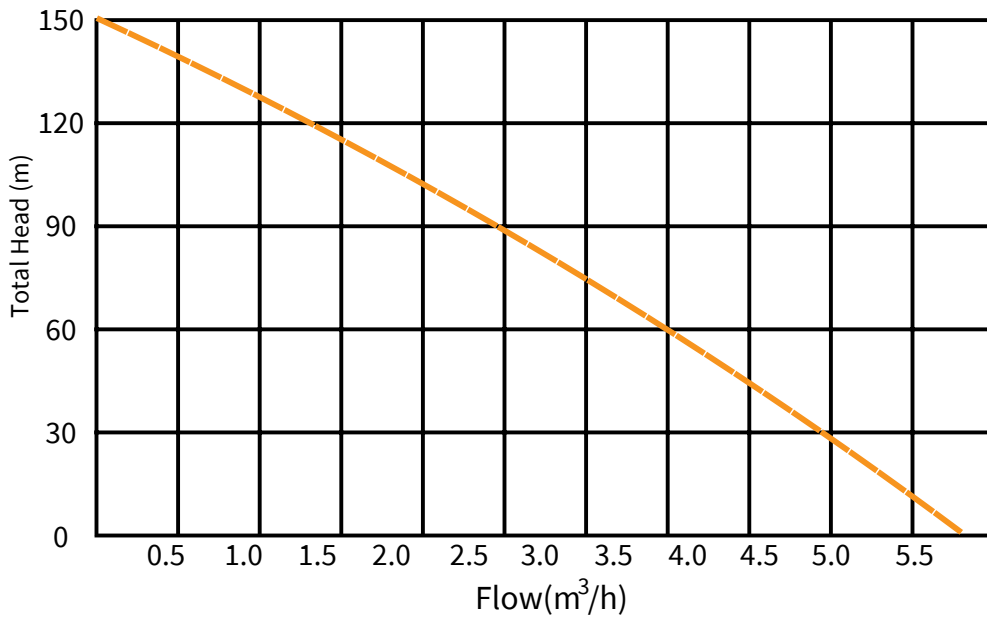
Pump Voltage: 24v | Power: 120w  
 Max Flow: 1.2m<sup>3</sup>/h | Max Head: 50m  
 Max Current: 15a | Max Voltage: 50v

### Spitfire 80 -----

Pump Voltage: 36v | Power: 210w  
 Max Flow: 1.2m<sup>3</sup>/h | Max Head: 75m  
 Max Current: 15a | Max Voltage: 50v

### Spitfire 100 -----





Pump Voltage: 48v | Power: 500w  
 Max Flow: 1.6m<sup>3</sup>/h | Max Head: 100m  
 Max Current: 15a | Max Voltage: 100v



**Spitfire 203** -----

Pump Voltage: 110v | Power: 1500w  
 Max Flow: 5.8m<sup>3</sup>/h | Max Head: 160m  
 Max Current: 15a | Max Voltage: 185v

**For a more accurate sizing using local weather data and solar modules,  
 please request a solar sizing using our online APP**

				
<b>Pump Model</b>	<b>Spitfire 50</b>	<b>Spitfire 80</b>	<b>Spitfire 100</b>	<b>Spitfire 203</b>
<b>Rating (W)</b>	120	210	500	1500
<b>Max Head (m)</b>	50	75	100	160
<b>Max Flow (m<sup>3</sup>/h)</b>	1.2	1.2	1.6	5.8
<b>Max Depth (m under water)</b>	25	25	25	40
<b>Optimal Volts (Voc)</b>	42	42	90	180
<b>Outlet (mm)</b>	20	20	20	32
<b>AC Input</b>	Optional	Optional	Optional	Optional
<b>Diameter</b>	75	75	75	90
<b>Height (mm)</b>	420	420	420	1100
<b>Max Voltage (V)*</b>	<b>50</b>	<b>50</b>	<b>100</b>	<b>185</b>
<b>Min Voltage (V)</b>	36	36	72	120
<b>Max Current (A)</b>	15	15	15	15
<b>Controller</b>	Yes, External	Yes, External	Yes, External	Yes, External
<b>Warranty</b>	1 Year	1 year	1 Year	1 Year
<b>Common Panel Config</b>	1 x 270w	1 x 330w	2 x 330w	4 x 330w
<b>Panel Connection (Parallel or Series)</b>	-	-	Series	Series
<b>Cable</b>	4mm 3-core submersible cable up to 80m. 6mm 3-core submersible cable 80 - 140m			