

# 2DSS/3DSS/4DSS

2"/3"/4"DC BRUSHLESS SCREW SOLAR PUMP



Screw



NSK Bearing



Stainless steel oil cylinder

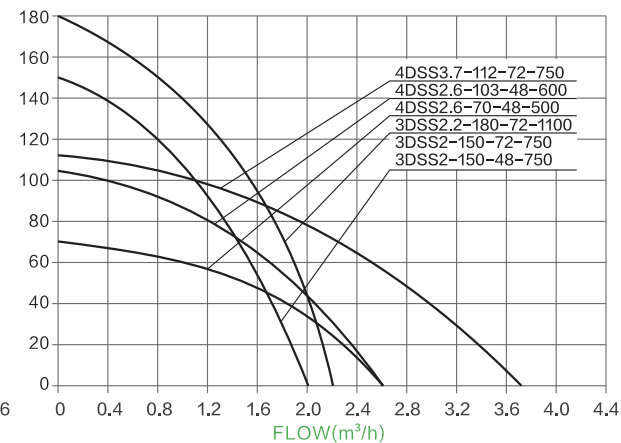
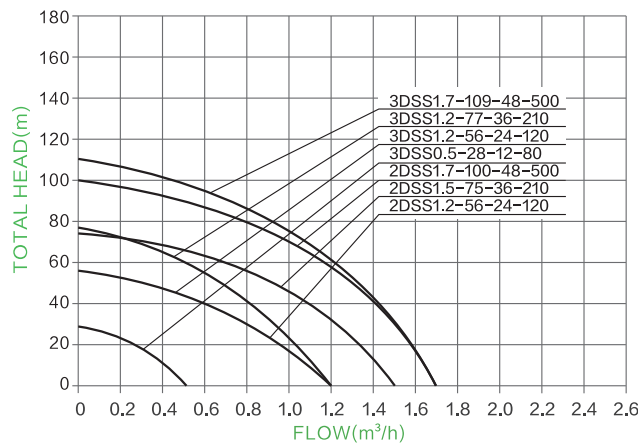


DC controller

## TECHNICAL DATA

| ITEM                | Voltage | Optimum input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel               |                  |
|---------------------|---------|----------------------------|-------|-----------|-----------|--------|-------|---------------------------|------------------|
|                     |         |                            |       |           |           |        |       | Open circuit voltage(VOC) | Power            |
| 2DSS1.2-56-24-120   | 24V     | 30V-48V                    | 120W  | 1.2m³/h   | 56m       | 0.5"   | 2m    | < 60V                     | ≥ 1.3*PUMP POWER |
| 2DSS1.5-75-36-210   | 36V     | 30V-48V                    | 210W  | 1.5m³/h   | 75m       | 0.5"   | 2m    | < 60V                     | ≥ 1.3*PUMP POWER |
| 2DSS1.7-100-48-500  | 48V     | 60V-90V                    | 500W  | 1.7m³/h   | 100m      | 0.5"   | 2m    | < 110V                    | ≥ 1.3*PUMP POWER |
| 3DSS0.5-28-12-80    | 12V     | 30V-48V                    | 80W   | 0.5m³/h   | 28m       | 0.75"  | 2m    | < 60V                     | ≥ 1.3*PUMP POWER |
| 3DSS1.2-56-24-120   | 24V     | 30V-48V                    | 120W  | 1.2m³/h   | 56m       | 0.75"  | 2m    | < 60V                     | ≥ 1.3*PUMP POWER |
| 3DSS1.2-77-36-210   | 36V     | 30V-48V                    | 210W  | 1.2m³/h   | 77m       | 0.75"  | 2m    | < 60V                     | ≥ 1.3*PUMP POWER |
| 3DSS1.7-109-48-500  | 48V     | 60V-90V                    | 500W  | 1.7m³/h   | 109m      | 0.75"  | 2m    | < 110V                    | ≥ 1.3*PUMP POWER |
| 3DSS2-150-48-750    | 48V     | 60V-90V                    | 750W  | 2m³/h     | 150m      | 0.75"  | 2m    | < 110V                    | ≥ 1.3*PUMP POWER |
| 3DSS2-150-72-750    | 72V     | 90V-120V                   | 750W  | 2m³/h     | 150m      | 0.75"  | 2m    | < 170V                    | ≥ 1.3*PUMP POWER |
| 3DSS2.2-180-72-1100 | 72V     | 90V-120V                   | 1100W | 2.2m³/h   | 180m      | 0.75"  | 2m    | < 170V                    | ≥ 1.3*PUMP POWER |
| 4DSS2.6-70-48-500   | 48V     | 60V-90V                    | 500W  | 2.6m³/h   | 70m       | 1"     | 2m    | < 110V                    | ≥ 1.3*PUMP POWER |
| 4DSS2.6-103-48-600  | 48V     | 60V-90V                    | 600W  | 2.6m³/h   | 103m      | 1"     | 2m    | < 110V                    | ≥ 1.3*PUMP POWER |
| 4DSS3.7-112-72-750  | 72V     | 90V-120V                   | 750W  | 3.7m³/h   | 112m      | 1"     | 2m    | < 170V                    | ≥ 1.3*PUMP POWER |

## HYDRAULIC PERFORMANCE CURVES



## FREE SPARE PARTS

