



## Solar Pump Driver

### **Three-Phase Solar Pump Driver (High Voltage)**

(2/3/5.5/7.5/10/15/20/25/30/40/37/60/75/100/120/150/188/215/250/270HP)  
(1.5/2.2/4/5.5/7.5/11/15/18.5/22/30/45/55/75/90/110/132/160/185/200kW)

#### **FEATURES**

- Maximum efficiency from solar panels with advanced built-in MPPT algorithm (99% efficient) for excellent performance
- Wide product range from 1.5 kW to 200 kW, support for single-phase 220V, three-phase 220V, and three-phase 380V
- High voltage protection, high current protection, automatic frequency adjustment at high temperature, and safe & sustainable use with other protection functions
- User-friendly design: Easy installation, parameter-free operation, one-button system restart function
- Easy-to-use LCD screen for parameter setting function in different applications
- Ability to operate from DC input or directly from the grid depending on connection





MODEL	SOL-CDI-SPDG1R5T4	SOL-CDI-SPDG2R2T4	SOL-CDI-SPDG4R0T4	SOL-CDI-SPDG5R5T4	SOL-CDI-SPDG7R5T4
<b>Power</b>					
Adaptive Motor (kW)	1.5	2.2	4.0	5.5	7.5
<b>Input Voltage</b>					
Input Voltage (V)	250-900	250-900	250-900	250-900	250-900
Starting Voltage (V)	300	300	300	300	300
DC Input Voltage Range (V)	350-750	350-750	350-750	350-750	350-750
Recommended MPPT Voltage (V)	650	650	650	650	650
AC Input Voltage (V)	380(+15%) (3PH)	380(+15%)(3PH)	380 (+15%) (3PH)	380(+15%)(3PH)	380(+15%)(3PH)
<b>Current</b>					
Rated Output Current (A)	4.5	6	9.5	13	17
Rated Input Current (A)	5.0	6.8	10.5	15.5	20.5
<b>Mechanical Features</b>					
Dimensions (H × W × D)	152*84*148.4	165*105*161.4	165*105*161.4	230*145*177.4	230*145*177.4
Net Weight (Kg)	0.9	1.2	1.2	2.5	2.5

MODEL	SOL-CDI-SPDG011T4	SOL-CDI-SPDG015T4	SOL-CDI-SPDG018.5T4	SOL-CDI-SPDG022T4	SOL-CDI-SPDG030T4
<b>Power</b>					
Adaptive Motor (kW)	11.0	15.0	18.5	22	30.0
<b>Input Voltage</b>					
Input Voltage (V)	250-900	250-900	250-900	250-900	250-900
Starting Voltage (V)	300	300	300	300	300
DC Input Voltage Range (V)	350-750	350-750	350-750	350-750	350-750
Recommended MPPT Voltage (V)	650	650	650	650	650
AC Input Voltage (V)	380(+15%)(3PH)	380(±15%)(3PH)	380(+15%)(3PH)	380(+15%) (3PH)	380(+15%)(3PH)
<b>Current</b>					
Rated Output Current (A)	25	32	37	45	60
Rated Input Current (A)	26	35	38.5	46.5	62
<b>Mechanical Features</b>					
Dimensions (H × W × D)	285*180*167.4	285*180*167.4	350*210*205	350*210*205	430*250*235.5
Net Weight (Kg)	4.0	4.0	7.0	7.0	15.0



MODEL	SOL-CDI-SPDG037T4	SOL-CDI-SPDG045T4	SOL-CDI-SPDG055T4	SOL-CDI-SPDG075T4	SOL-CDI-SPDG090T4
<b>Power</b>					
Adaptive Motor (kW)	37.0	45.0	55.0	75.0	90.0
<b>Input Voltage</b>					
Input Voltage (V)	250-900	250-900	250-900	250-900	250-900
Starting Voltage (V)	300	300	300	300	300
DC Input Voltage Range (V)	350-750	350-750	350-750	350-750	350-750
Recommended MPPT Voltage (V)	650	650	650	650	650
AC Input Voltage (V)	380(+15%) (3PH)	380(±15%) (3PH)	380(+15%) (3PH)	380(+15%) (3PH)	380(+15%) (3PH)
<b>Current</b>					
Rated Output Current (A)	75	90	110	152	176
Rated Input Current (A)	76	92	113	157	180
<b>Mechanical Features</b>					
Dimensions (H × W × D)	430*250*235.5	530*300*285.5	530*300*285.5	580*340*328.5	580*340*328.5
Net Weight (Kg)	15.0	25.0	25.0	36.0	36.0

MODEL	SOL-CDI-SPDG110T4	SOL-CDI-SPDG132T4	SOL-CDI-SPDG160T4	SOL-CDI-SPDG185T4	SOL-CDI-SPDG200T4
<b>Power</b>					
Adaptive Motor (kW)	110.0	132.0	160.0	185.0	200.0
<b>Input Voltage</b>					
Input Voltage (V)	250-900	250-900	250-900	250-900	250-900
Starting Voltage (V)	300	300	300	300	300
DC Input Voltage Range (V)	350-750	350-750	350-750	350-750	350-750
Recommended MPPT Voltage (V)	650	650	650	650	650
AC Input Voltage (V)	380(+15%) (3PH)	380(+15%) (3PH)	380 (±15%) (3PH)	380 (±15%) (3PH)	380 (±15%) (3PH)
<b>Current</b>					
Rated Output Current (A)	210	253	300	340	380
Rated Input Current (A)	214	256	305	344	383
<b>Mechanical Features</b>					
Dimensions (H × W × D)	580*340*328.5	940*400*367	940*400*367	940*400*367	1235*514*400
Net Weight (Kg)	36.0	75.0	75.0	75.0	160.0