



## Solar Pump Driver

### Mono-Phase Solar Pump Driver

(2/3/5.5 HP)

(1.5/2.2/4 KW)

#### FEATURES

- SPD series solar-powered pump drivers are special frequency inverters for AC pumps.
- The SPD series converts direct current (DC) from solar panels into alternating current (AC) for different types of AC pumps.
- With a high-precision and fast MPPT algorithm, it detects the maximum power point from the solar panels and transfers the highest power to the pump motor.
- When the power from the solar panels is insufficient, it can also operate with grid or generator connection, ensuring uninterrupted use throughout the day.





MODEL	SOL-CDI-SPDG1R5SS2	SOL-CDI-SPDG2R2SS2	SOL-CDI-SPDG4ROSS2	SOL-CDI-SPDG2R2S2	SOL-CDI-SPDG4ROS2
<b>Power</b>					
<b>Adaptive Motor (kW)</b>	1.5	2.2	4.0	2.2	4.0
<b>Input Voltage</b>					
<b>Input Voltage (V)</b>	200-400	200-400	200-400	200-400	200-400
<b>Starting Voltage (V)</b>	150	150	150	150	150
<b>Recommended DC Range (V)</b>	200-400	200-400	200-400	200-400	200-400
<b>Recommended MPPT Voltage (V)</b>	330	330	330	330	330
<b>AC Input Voltage (V)</b>	220(+15%)(1PH)	220(+15%)(1PH)	220(±15%)(1PH)	220(+15%)(1PH)	220(+15%)(1PH)
<b>Current</b>					
<b>Rated Output Current (A)</b>	10	14	17	10	17
<b>Rated Input Current (A)</b>	27.0	29.2	32.8	27.0	32.8
<b>Mechanical Features</b>					
<b>Dimensions (H × W × D)</b>	165*105*161.4	230*145*177.4	230*145*177.4	165*105*161.4	230*145*177.4
<b>Net Weight (Kg)</b>	1.2	2.5	2.5	1.3	2.5