



- IDEAL FOR BOREHOLE MOTORS / PUMPS
- WIDE INPUT VOLTAGE : 60 – 150V DC
- 1-PHASE OR 3-PHASE OUTPUT
- OUTPUT POWER : 0.37 - 0.55KW
- START UP CURRENT CONTROL
- IP65

The SWAN SMART SOLAR PUMP drives are designed to be supplied by one or more solar panels, depending on the pump motor size.



Our drives are stand-alone units, that besides the solar panels, do not require any external components. They can drive single or 3-phase motors, depending on the selected model, as listed below.

SPECIFICATIONS				
	282 410	282 411	282 440	282 450
OUTPUT TO MOTOR	1-PHASE 230Vac 50Hz		3-PHASE 400Vac 50Hz	
MOTOR RATING (KW)	0.37	0.55kW	0.37kW	0.55Kw
MAX MOTOR AMPS (A)	4	6	1.6	2
MIN INPUT VOLTS (VDC)	60	60	60	60
MAX INPUT VOLTS (VDC)	150	150	150	150
MAX INPUT AMPS (A)	11	11	11	11
MIN INPUT POWER (W)	500	500	500	500
MAX INPUT POWER (W)	1,500	1,500	1,500	1,500
SOLAR PANEL MIN. Wp	650	1,000	650	1,000
SOLAR PANEL MAX. Wp	900	1,300	900	1,300

APPLICATIONS	
GAME WATERING	DOMESTIC / HOME WATER SUPPLY
RESERVOIR FILLING	RURAL WATER SUPPLY

CONTINUES...

RELATED PRODUCTS BY SWAN ELECTRIC

	<p>MAINS (AC) BACKUP POWER SUPPLY UNIT</p> <p>MODEL : 286410 & 286420</p>	<ul style="list-style-type: none"> MANUALLY SELECT AC / DC INPUT
	<p>HYBRID POWER SUPPLY UNIT</p> <p>MODEL : 286430</p>	<ul style="list-style-type: none"> AUTOMATIC PV / DC OPERATION
	<p>ENCLOSED CHANGE OVER SWITCH</p>	<ul style="list-style-type: none"> MANUALLY SELECT PV / DC OR MAINS (AC) OPERATION OR GENERATOR (AC) OPERATION.

INSTALLATION

- INSTALLATION, TESTING AND CERTIFICATION BY QUALIFIED PERSONNEL ONLY
- SERVICING BY QUALIFIED PERSONNEL ONLY
- NO SETTINGS OR CONFIGURATIONS REQUIRED

SAFETY NOTES

- DO NOT INSTALL, SERVICE OR OPERATE IN / UNDER RAINY CONDITIONS
- DO NOT OPEN - LETHAL VOLTAGES AND CURRENTS INSIDE

DOCUMENT TRACKING & CATALOGUE LINK

EDITED BY	DATE	APPROVED BY	DATE
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