SOLAR ELECTRIC SURFACE WATER PUMPS (S-ESP)

IDRO Group offers seven different models of SOLAR electric surface At the heart of these systems are quality pumps from the CR range are known for their reliability, efficiency, easy operation, corrosion resistance and compact, robust design.

The single-phase pumps offered come from the NEW CRN Flex range of pumps which include inbuilt electronics making the pumps compatible with both DC and AC power supply without requiring an external inverter. The external control panel for the three-phase pumps include inverters.

The spare parts are available from IDRO Group. They can be supplied with the pumps if preferred (priced apart).

Contact us
to verify system components based on your geographical location

TECHNICAL DATA

CODE (quote on order) ►	S ESP 40/30 CRNF 3-5	S ESP 80/30 CRNF 3-11	S ESP 100/35 CRNF 5-6	S ESP 300/20 CRN 15-2	S ESP 350/30 CRN 15-3	S ESP 210/50 CRN 10-8	S ESP 120/70 CRN 5-18
Liquid pumped	Water						
Flow rate (litres/min)	40	80	100	300	350	210	120
Dynamic head (m)	30	30	35	20	30	50	70
Pump housing	Stainless Steel						
Impeller	Stainless Steel						
Motor capacity (HP)	0.5-0.75	0.75	1.0	1.5	2.5	3.0	5.0
Rated voltage	1x 220-230/240 V (single phase)			3x 380 – 415 D V (three phase)			
Control panel (optional)	Class F IP 55, corrosion resist. enclosure			Class F IP 55 with corrosion resistant enclosure			
Pump net weight* (kg)	23.8	31.1	30.1	47	55	57	48.2
Pump gross weight* (kg)	26.5	34	33	60	77	61	53.6
Pump shipping volume* (m³)	tbc	tbc	tbc	0.09	0.1	0.12	0.11
Accessories included	As per diagram and key above						
Recommended Spare Parts	Kit Shaft Seal HQQE (when ordering please also specify pump model)						
	Kit Gasket EPDM (when ordering please also specify pump model)						
	Wear Parts Kit (when ordering please also specify pump model)						
	Coupling Parts Kit (when ordering please also specify pump model)						
	Plug Kit (when ordering please also specify pump model)						

* Weights and volume based on pump only. Shipping dimensions will depend on the packing configurations

Solar Electrical Surface Pumps1