

SPC-SERIES 1.5KW-37KW SOLAR PUMP INVERTER

SOLAR PUMPING INVERTER

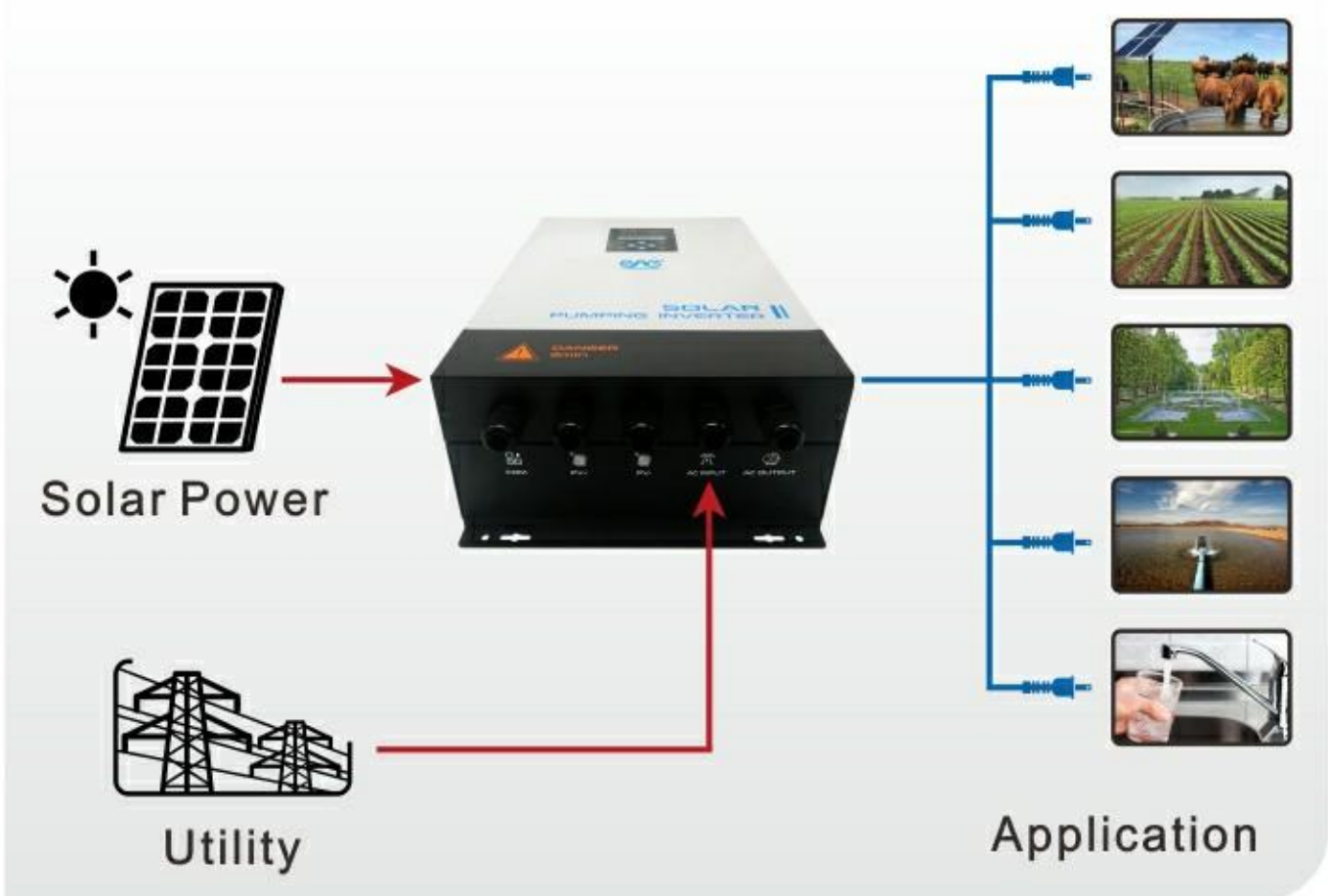


- 1. MPPT function, even it is cloudy, pump still can maintain low speed running.
- 2. AC input compensation function. such as solar power 80%, inverter will use 20% from AC input to supply 100% to water pump, solar power is 100%, inverter will not use AC input, save AC cost.
- 3. no water sensor function, water tank full sensor function
- 4. widely PV working voltage 150VDC to 800VDC.

Solar Pump Inverter

1 Solar Power and AC Power available

ONE PUMP INVERTER,
PUMPING WATER
10HRS PER DAY!



SPC-SERIES SOLAR PUMP INVERTER SELECTION GUIDE

Model	L11	L13	L33	H33
AC input voltage (V)	220(-15%) ~240(+10%) (1PH)		220(-15%) ~240(+10%) (3PH)	380(-15%) ~440(+10%) (3PH)
Max. DC input voltage (V)	440	440	440	800
Start-up voltage (V)	200	200	200	300
Lowest working voltage (V)	150	150	150	250
Recommended DC input voltage range (V)	200~400	200~400	200~400	300~750
Recommended MPPT voltage (V)	330	330	330	550
Rated output voltage (V)	220 (1PH)	220 (3PH)	220 (3PH)	380 (3PH)
Output frequency range (Hz)	0~400			
MPPT efficiency	99%			
Environment temperature	-10°C~+50°C, If above 40°C,derate 2% for every additional 1°C.			
Altitude	Below 1000m, If above 1000m,derate 1% for every additional 100m.			
Cooling manner	Fan cooling			

Series	Model	Rated Output Power (Kw)	Rated Input Current (A)	Rated Output Current (A)
L11(1.5-5 Kw)	SPC-1K5-L11	1.5	15.7	10.2
	SPC-2K2-L11	2.2	24	14
	SPC-4K0-L11	4	38	24
	SPC-5K5-L11	5.5	48	30
L13(1.5-5.5 Kw)	SPC-1K5-L13	1.5	15.7	7.5
	SPC-2K2-L13	2.2	24	10
	SPC-4K0-L13	4	38	18
	SPC-5K5-L13	5.5	48	25
L33(4-7.5 Kw)	SPC-4K0-L33	4	17	16
	SPC-5K5-L33	5.5	25	20
	SPC-7K5-L33	7.5	33	30
H33(1.5-37 Kw)	SPC-1K5-H33	1.5	5.0	4.2
	SPC-2K2-H33	2.2	5.8	5.5
	SPC-4K0-H33	4.0	13.5	9.5
	SPC-5K5-H33	5.5	19.5	14
	SPC-7K5-H33	7.5	25	18.5
	SPC-11K0-H33	11	32	25
	SPC-15K0-H33	15	40	32
	SPC-18K0-H33	18.5	47	38
	SPC-22K0-H33	22	51	45
	SPC-30K0-H33	30	70	60
	SPC-37K0-H33	37	80	75

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE