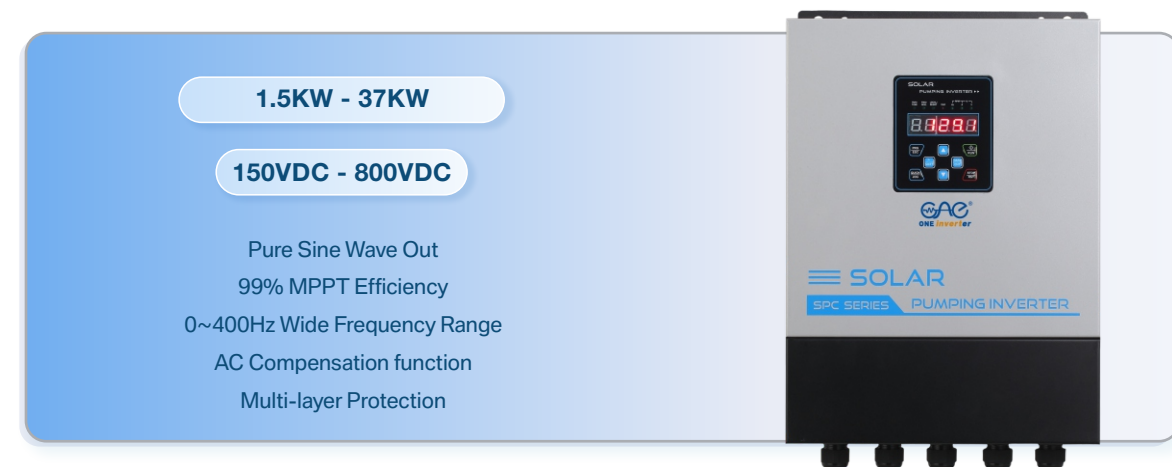


SPC-Series

Water Pump Inverter

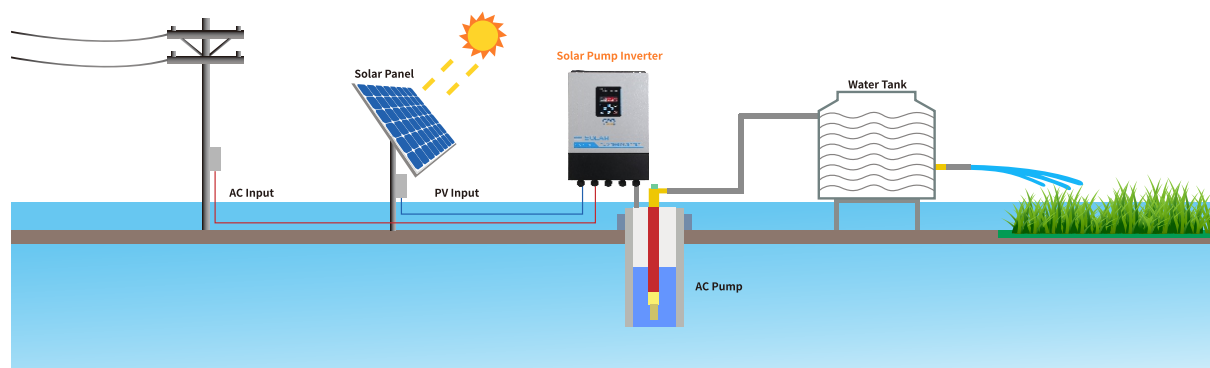


The SPC series is a dedicated solar pumping inverter designed for AC water pump applications. It combines advanced MPPT technology with intelligent control to maximize solar energy utilization, achieving up to 99% MPPT efficiency. With a wide PV input range of 150VDC to 800VDC, built-in AC compensation, and automatic power balancing between solar and grid input, the SPC delivers stable, reliable performance. Available in both single-phase and three-phase models, it provides durable operation, strong adaptability, and continuous protection for agricultural, domestic, and commercial water pumping systems.

FEATURES

-  Supports 220-240V/380-440V, 1PH/3PH pumps.
-  Internal with Maximum Power Point Tracking system.
-  Solar & grid hybrid for 24/7 water supply.
-  Battery-free design, eco-friendly & cost-saving.
-  Multi-layer protection for safe & reliable operation.
-  Auto operation, no manual intervention.

PRODUCT CONNECTION DIAGRAM



Model	L11	L13	L33	H33
Ac Input Voltage	220V(-15%)~240V(+10%) (1PH)		220V(-15%)~240V(+10%) (3PH)	380V(15%)~440V(+10%) (3PH)
Max. Dc Input Voltage	440V	440V	440V	800V
Start-up Volatge	220V	220V	220V	300V
Lowest Working Voltage	150V	150V	150V	250V
Recommended Dc Input Range	200V~400V	200V~400V	200V~400V	300~750V
Recommended Mppt Voltage	330V	330V	330V	550V
Reted Output Voltage	220V(1PH)	220V(3PH)	220V(3PH)	380V(3PH)
Output Frequency Range	0~400HZ			
Mppt Efficiency	0.99			
Environment Temperature	-10°C~+50°C,if Above 40°C,derate 2% For Every Additional 1°Cf Above 40°C,derate 2% For Every Additional 1°C			
Altitude	Below 1000m, If Above 1000m ,derate 1% For Every Additional 100m			
Cooling	Fan Cooling			

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