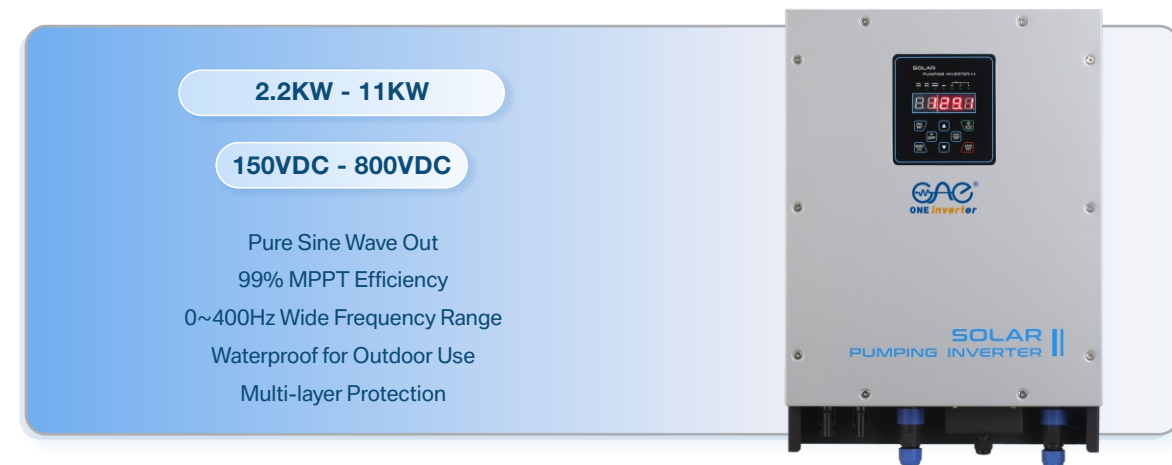


WP-Series

Water Pump Inverter

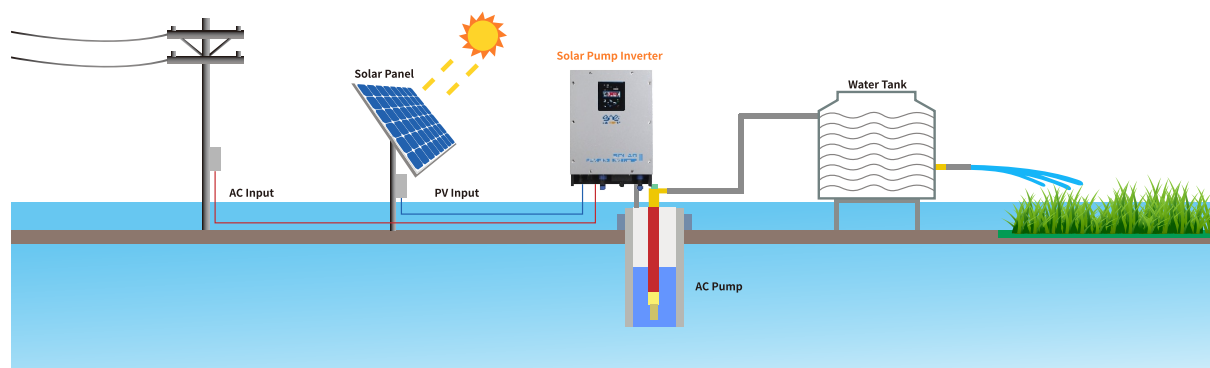


The WP series is a WATERPROOF solar pumping inverter designed for AC water pump applications. It combines advanced MPPT technology with intelligent control to maximize solar energy utilization, achieving up to 99% MPPT efficiency. With a wide PV input range of 150VDC to 800VDC, built-in AC compensation, and automatic power balancing between solar and grid input, the WP 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.
-  Built-in MPPT boosts solar power output.
-  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%)(1PH)	220V(-15%)~240V(+10%)(3PH)	380V(-15%)~440V(+10%)(3PH)
Reted Output Voltage	220V(1PH)	220V(3PH)	220V(3PH)	380V(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
Output Frequency Range	0~400HZ			
Mppt Efficiency	0.99			
Type	IP65 Waterproof			
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			

Series	Model	Rated Output Power	Rated Input Current	Rated Output Current
L11 (2.2~5.5KW) 1PH Input/Output	WP-2K2-L11	2.2KW	24A	14A
	WP-4K0-L11	4KW	38A	24A
	WP-5K5-L11	5KW	48A	30A
L13 (2.2~5.5KW) 1PH Input/3PH Output	WP-2K2-L13	2.2KW	24A	10A
	WP-4K0-L13	4KW	38A	18A
	WP-5K5-L13	5KW	48A	25A
L33 (4~7.5KW) 3PH Input/Output	WP-4K0-L33	4KW	17A	16A
	WP-5K5-L33	5.5KW	25A	20
	WP-7K5-L33	7.5KW	33A	30A
H33 (2.2~37KW) 3PH Input/Output	WP-2K2-H33	2.2KW	5.8A	5.5A
	WP-4K0-H33	4KW	13.5A	9.5A
	WP-5K5-H33	5.5KW	19.5A	14A
	WP-7K5-H33	7.5KW	25A	18.5A
	WP-11K0-H33	11KW	32A	25A