

SLV 3 PUMP CONTROLLER



Typical Applications

- Agricultural Irrigation: Efficiently powers water pumps for crop irrigation in remote farming areas.
- Compatible with submersible pumps, surface pumps, swimming pool pumps using induction motors.
- Aquaculture: Drives pumps to ensure adequate water circulation in fish farms.
- Remote Villages: Supplies water for domestic use in rural communities without grid access.
- Desert Greening Projects: Supports irrigation systems for reforestation and desert farming.
- Hilly or Mountainous Regions: Facilitates water lifting in challenging terrains where power infrastructure is absent.
- Municipal Water Supply: Enhances water supply systems in towns with unreliable power.
- Solar-Powered Fountains: Operates water fountains in public parks or private gardens sustainably

Features

- Rated Conversion Efficiency : $\geq 98\%$
- MPPT Efficiency : 99%
- Ambient Temperature : $-20\sim 60^{\circ}\text{C}$
- Display : LED
- Protection Grade : IP52 (Protection Grade)

Rated Power	11 kW
Max. DC Input Current	13 A
Max. DC Input Voltage	430 V
Recommended MPP Voltage	90 - 360 V
AC Input Voltage	1PH 85 - 265 V
Max. AC Input Current	13 A
Adapting Motor Power	0.37 - 0.75 kW
Adapting Motor Voltage	1PH 220 - 240 V
Rated AC Output Current	6.3 A
Output Frequency	0 - 50/60 Hz
MPPT Efficiency	99%
Rated Conversion Efficiency	98%
Ambient Temperature	$-20 - +60^{\circ}\text{C}$
Cooling Method	forced air cooling
Display	LED
Protection Grade	IP65

Technical Data

Model	Rated voltage		Insert max DC=Input volt(V)	Recommended MPP Voltage(V)	Rate Power kW	Rated AC Output Current (A)	Dimensions (mm)			Weight (Kg)	Model
	1x 240V	3x 415V					L	W	H		
SLVL4 2.2	1x 240V		440	180-360	2.2	11	266	296	111	7	SLVL4 2.2
SLV3 2.2			450	280-370	3.7	17	257	416	158	9.2	SLV3 2.2
SLV3 3.7	3x 415V		450	310-370	3.7	17	257	416	158	9.2	SLV3 3.7
SLV3 5.5			850	500-700	5.5	13	257	416	158	9.2	SLV3 5.5
SLV3 7.5			850	500-701	7.5	18	257	416	158	9.2	SLV3 7.5
SLV3 11			850	500-700	11	24	300	458	175	13	SLV3 11
SLV3 15			850	500-700	15	30	300	458	175	13	SLV3 15
SLV3 18			850	500-701	19	39	300	458	175	13	SLV3 18
SLV3 22			850	500-702	22	45	300	458	175	13	SLV3 22
SLV3 30			780	500-600	30	60	388	625	235	40	SLV3 30
SLV3 37			780	500-601	37	75	388	625	235	40	SLV3 37
SLV3 45			780	500-602	45	92	388	625	235	40	SLV3 45