

SLVD4 DC / AC Pumping Inverter



Typical Applications

- Agriculture Irrigation: Efficiently powers water pumps for crop irrigation in remote areas.
- Livestock Watering: Supplies consistent water flow for animal watering systems on farms.
- Rural Water Supply: Provides clean water to rural communities without reliable grid access.
- Aquaculture Systems: Powers water pumps to maintain oxygen levels in fish farming ponds.
- Solar Water Pumps: Uses solar energy to run water pumps, reducing electricity costs.
- Greenhouses: Controls irrigation systems to maintain optimal moisture levels for plant growth.
- Remote Villages: Delivers water for household use in off-grid, rural locations.
- Desert Agriculture: Supports farming operations in arid areas by powering irrigation systems.
- Community Wells: Powers pumps to extract water for communal wells and storage tanks.
- Municipal Water Systems: Assists in water distribution for small-scale municipal water facilities.

Parameter	Value
Rated Power	2.2 kW
Max. DC Input Current	13 A
Max. DC Input Voltage	440 V
Adapting Motor Power	2200 W
Adapting Motor Voltage	220 V
Recommended MPP Voltage	≥ 180 V
Max. AC Input Current	13 A
Output Frequency	0 - 200 Hz
MPPT Efficiency	99%
Net Weight	5.5 kg
Gross Weight	6.5 kg
Model	SLVD4 /2.2S
Warranty	3 years

Technical Data

Model	Power		Rated AC Output Current (A)	Max DC Input current(A)	Max AC Input current (A)	Max DC Input voltage	Max AC Input voltage	Adapting Motor Voltage (V)	Recommended MPP Voltage	Dimensions (mm)			Weight (Kg)
	kW	HP								L	W	H	
SLVLD4 1.1S	1.1	1.5	15	15	20	200	1PH 85-265V	110	120-160V	266	296	111	5.5
SLVLD4 2.2S	2.2	3	11	13	13	440	1PH 150-265V	220	180-360V	266	296	111	5.5
SLVLD4 3.0S	3	4	7	13	13	440	1PH 150-265V	300	250-360V	266	296	111	5.5