

High Voltage Solar Charger

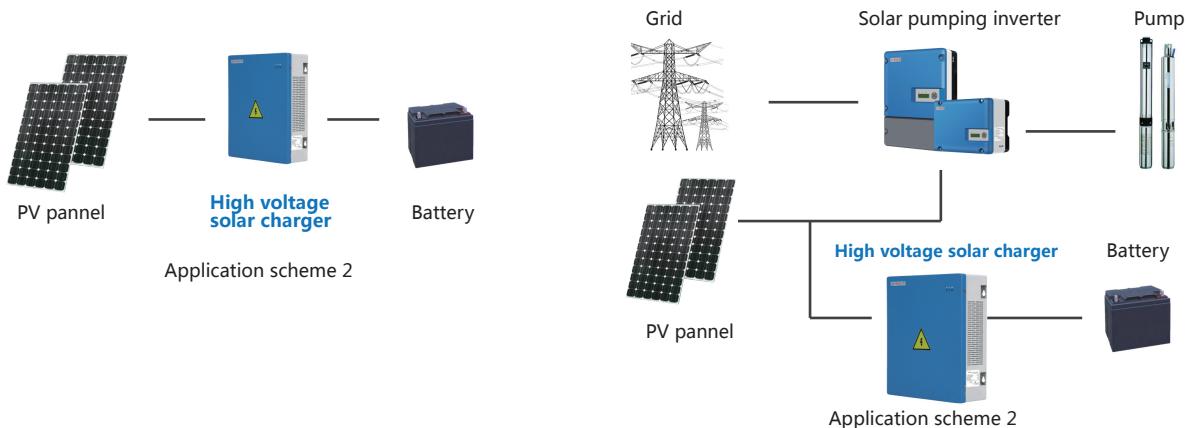
Convenient • High efficiency • Security

High voltage photovoltaic charger



- ◊ JNTECH High Voltage Solar Charger integrate wide PV input voltage range, high PV charging efficiency, multiple electrical isolation, and perfect protection mechanism all properties together, which can match with high-voltage solar system for maximum utilization of solar energy.

1. System Application Diagram



2. Product Feature:

- ◊ Save cost, expand solar pumping system application.
- ◊ Same with JNTECH Solar Pump inverter of wide mppt range.
- ◊ Output efficiency > 90%.
- ◊ Anti-reverse connection protection design, both for PV input and battery side.
- ◊ Multiple electrical isolation to ensure the safety of users.
- ◊ Pure hardware design, high reliability.
- ◊ Perfect protection mechanism, excellent performance.
- ◊ High power density, easy operation.

Technical parameters

Model	JNCHF-L-24V-15A	JNCHF-L-48V-10A	JNCHF24V/20A	JNCHF24V/30A	JNCHF48V/20AHF	JNC12H				
DC Input										
Max. DC Input Voltage	450Vdc		850Vdc							
Vmp Range	150Vdc~400Vdc		500Vdc~800Vdc							
Rated Charging Power	400W	550W	550W	800W	1100W	300W				
Battery										
Rated Voltage	24Vdc	48Vdc	24Vdc	24Vdc	48Vdc	12Vdc				
Max. DC input current	15A	10A	20A	30A	20A	25A				
Constant charging voltage	27V	55V	27V	27V	55V	13.5V				
Max. Efficiency	≥90%									
Machine Parameters										
Dimension (W/H/D)	380mm*315mm*105mm		330mm*360mm*102mm							
Weight	7Kg		5Kg							
Other Parameters										
Protection Level	IP20									
Noise Emission	<60dB				<30dB					
Cooling Way	Force Cooling									
Operating Temp.	-20 ~ +50°C									
Critical Temp.	-25 ~ +70°C									
Display	LED									
Altitude	2000m(>2000m need derate operating)									
Fault-protection	It has output over-voltage protection, input & output over-current protection, output short-circuit protection, radiator over-temperature protection, etc.									
Safety requirements	Insulation resistance ≥100MΩ ; Insulation Strength AC1500V/1min									
Storage Temp.	-25 ~ +70°C									
Compliance	CE; IEC 62109-1; IEC 62109-2;									



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