

S0501



Charge Controller 500VA

Rating: Not Rated Yet
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Description

	S0501	S0601
Rated Output Capacity	500 VA	600 VA
Rated Wind Turbine Power	500 W	600 W
Rated Solar Power	150 W	180 W
Rated Battery Voltage	24 VDC	24 VDC
Battery Floating Charge Voltage	34 VDC	34 VDC
Over Voltage Shut Off	34 VDC	34 VDC
Over Voltage Recovery	33 VDC	33 VDC
Under Voltage Shut Off	21 VDC	21 VDC
Under Voltage Recovery	24 VDC	24 VDC
No Load Loss	0.5A	0.5A
Output Wave Form	Pure sine wave	Pure sine wave
Display Mode	LCD	LCD
Display Parameters	battery voltage, charge current, status parameters	battery voltage, charge current, status parameters
Cooling Mode	Fan	Fan
Rated Output Voltage	110/120/220/230/240 VAC	110/120/220/230/240 VAC
Wave Distortion	≤ 4%	≤ 4%
Output Frequency	50/60Hz ± 0.05Hz	50/60Hz ± 0.05Hz
Overload Capacity	120% (1min), 150%(10s)	120% (1min), 150%(10s)
Inverter Efficiency	Max 90%	Max 90%
Noise (1m)	≤ 45dB	≤ 45dB
Insulating Strength	1500 VAC (1 min)	1500 VAC (1 min)
Protection Function	Solar reverse charge protection, Solar reverse overcurrent protection, Battery overcharge protection, Battery over discharge protection, Battery reverse connection protection, Wind turbine overcurrent limiting, Wind turbine automatic brake and manual brake, Output overload protection, Output short circuit protection, overheating protection.	Solar reverse charge protection, Solar reverse overcurrent protection, Battery overcharge protection, Battery over discharge protection, Battery reverse connection protection, Wind turbine overcurrent limiting, Wind turbine automatic brake and manual brake, Output overload protection, Output short circuit protection, overheating protection.
Working Temperature	-20°C-50°C	-20°C-50°C
Working Altitude	≤ 4000m	≤ 4000m
Working Humidity	0-90%, no condensation	0-90%, no condensation