Leading Technology And Solution Provider
For New Energy & Energy Internet Industry

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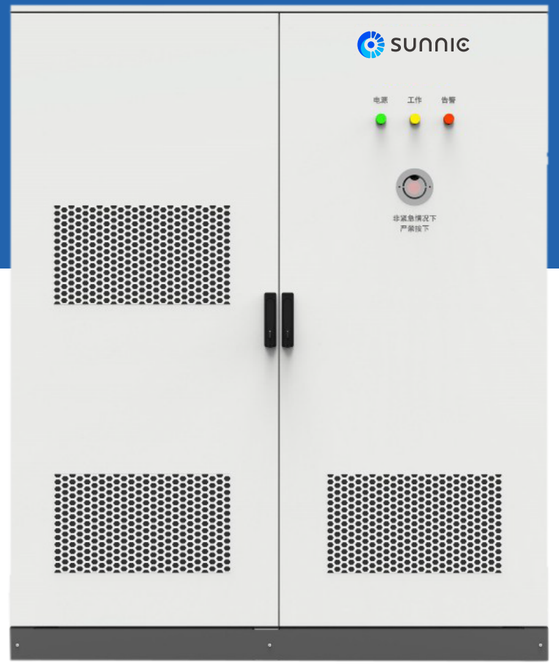
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SUNNIC

EV Charging Solutions



SUNNIC 360-480kW
DC Fast Charging Output







Item		Parameters	
Basic index			
	Rated power	360kW	480kW
	Cooling method	Forced air cooling	
	Network type	Ethernet/4G	
	Operating environment	Indoor or outdoor (IP54)	
	Dimensions (width x depth x height)	Size of host machine:1200mm x 900mm x 1950mm Size of terminal:450mm x 200mm x 1500mm (Same size for single and double plugs)	Size of host machine:2100mm x 900mm x 2100mm Size of terminal:450mm x 200mm x 1500mm (Same size for single and double plugs)
	Weight	Host machine:590 Terminal:100 (double plugs) , 80 (single plugs)	Host machine:900 Terminal:100 (double plugs) , 80 (single plugs)
Input characteristics			
	Input voltage	380VAC±15%,three-phase+N+PE	
	Frequency	45Hz-65Hz	
	Rated input current	582A	773A
	power factor	⩾0.99	
	ITHD	⩽5%	
Output characteristics			
	Voltage range	100-1000VDC	
	Output voltage error	95%	
	Output current error	⩽±0.5%	
	Voltage stabilized accuracy	⩾30A, ⩽±1%; <30A, ⩽±0.3A	
	Current stabilized accuracy	⩽±0.5%	
	Ripple voltage peak value coefficent	⩽±1%	
	Output voltage error	⩽±1%	
	Maximum number of access terminals	(double plug terminal:3) or (single plug terminal:6)	(double plug terminal:4) or single plug terminal:8)
	Power dispatching strategy	1.A total of 9 40kW modules are used and divided into 6 groups,adopting a flexible power strategy of "40kW+80kW+40kW+80kW+40kW+80kW"; 2.It can connect up to 3 double-plug terminals or 6 single-plug terminals, totally 6 charging plugs; The output of each module can be sent to any charging plug; 3.When 6 plugs are charged at the same time, the power distribution is: 40kW+80kW+40kW+80kW+40kW+80kW; The output power range of each plug is:40kW/80kW/120kW/160kW/200kW/240kW;	1.A total of 12 40kW modules are used and divided into 8 groups,adopting a flexible power strategy of 40kW+80kW+40kW+80kW+40kW+80kW+40kW+80kW; 2.It can connect up to 4 double-plug terminals or 8 single-plug terminals, totally 8 charging plugs; The output of each module can be sent to any charging plug; 3.When 8 plugs are charged at the same time, the power distribution is:40kW+80kW+40kW+80kW+40kW+80kW+40kW+80kW; The output power range of each plug is:40kW/80kW/120kW/160kW/200kW/240kW;
Environmental indicators			
	Operating temperature	-20 ~ +50°C	
	Storage temperature	-40 ~+80°C	
	Relative humidity	5~90%RH,non-condensing	
	Operational altitude	2000m No derating required >2000m,he working temperature decreases by 1 ° C for every 100m rise	