

6 Specification

Type	LVC50A		LVC60A	
System voltage	12V/24V/48V (Identify auto)			
Rated current	50A		60A	
Max current	52A		62A	
Charge type	MPPT Automatic maximum power point tracking			
Charge method	Three stages: constant current, equal charge, float charge			
Powered time	≤10s			
Response recovery time	≤500us			
Static power	≤2W			
Machine efficiency	≥96.5%			
System identification voltage range	12V	DC9V-15V		
	24V	DC18V-30V		
	48V	DC36V-48V		
MPPT working voltage range	12V	DC20V-100V		
	24V	DC38V-150V		
	48V	DC65V-150V		
Max PV input	12V	600W	720W	
	24V	1200W	1440W	
	48V	2400W	2880W	
Display	LCD+LED display			
Input/output polarity reverse connection protection	Yes			
Low voltage protection	Yes			
High voltage protection	Yes			
Short circuit protection	Yes			
Over temperature protection	+85℃			
Cooling method	Forced air cooling, fan speed is regulated by temperature, fan is low when internal temperature is low Slowly running or stalling, the fan stops when the controller stops working;			
Noise	≤50dB			
Humidity	0~90%RH			
Altitude	0~3000M			
Ambient temperature	-20℃~+40℃			
Storage temperature	-40℃~+70℃			
Size	170*280*120mm			
Weight (KG)	3.4KG			