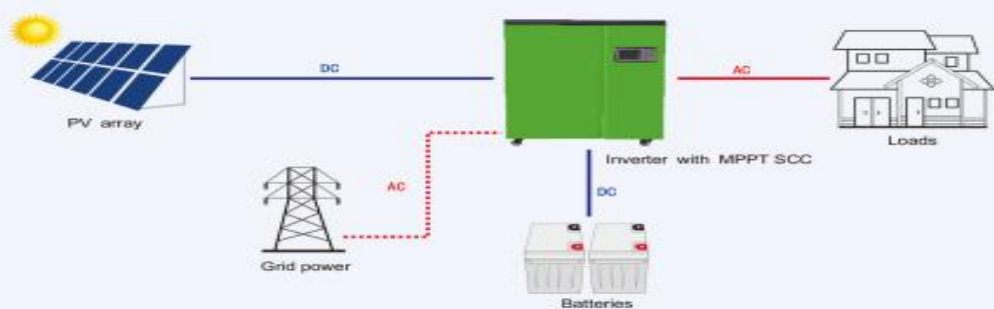
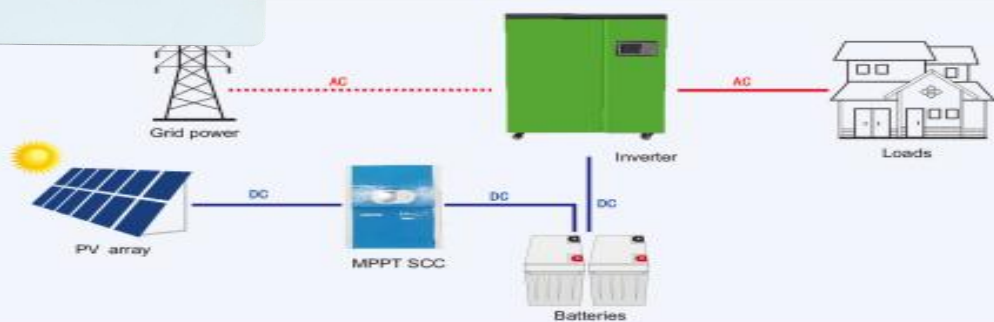




### HVC Series MPPT SCC

- Intelligent max power point tracking tech
- DSP control tech with high efficiency
- Activated lithium battery
- PV wide voltage range input
- Three stage charging tech
- Multiple protection functions
- Floating charge voltage setting





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## Technical Parameters

Mode	HVC48150	HVC48180	HVC48200	HVC96150	HVC96180	HVC96200
Rated current	150A	180A	200A	150A	180A	200A
Max current	151A	181A	201A	151A	181A	201A
System voltage	48V			96V		
Size:(L*W*Hmm)	515*346*225			515*346*225		
package size (L*W*Hmm)	650*400*280			650*400*280		
N.W. (KG)	17			17.5		
G.W.(KG)	19.5			20		
Charge mode	MPPT Automatic maximum power point tracking					
Charge method	Three stage:Boost,Equalize,Float					
Start up time	≤10s					
Dynamic response time to recover	≤500us					
Quiescent dissipation	≤2W					
Efficiency	≥96.5%					
Identify range of battery voltage	48V: DC36V-60V			96V: DC72V-120V		
MPPT working Range	48V: DC65V-250V			96V: DC130V-300V		
Max PV input	7200W	8640W	9600W	14400W	17280W	19200W
Display	LCD+LED					
Input polarity reverse connection protection	Yes					
Output polarity reverse connection protection	Yes					
Low voltage protection	Yes					
High voltage protection	Yes					
Short circuit protection	Yes					
Over temperature protection	+85°C					
Cooling method	air cooling, fan speed is regulated by temperature, when internal temperature is low; when the controller stops working, the fan stops working					
Noicy	≤50dB					
humidity	<95% (without condensing)					
Height	0~3000M					
Temperature	-20°C~+40°C					
Storage temperature	-40°C~+70°C					