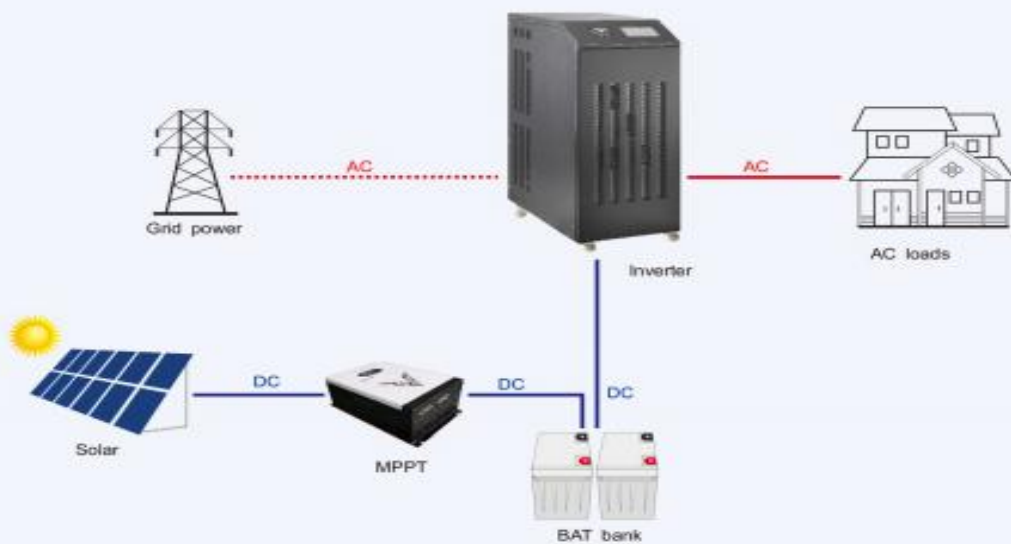




HVC Series MPPT SCC

- 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





Nancy李
7 9 9 9



Nancy li
WhatsApp 联系人



Technical Parameters

Mode	HVC50A	HVC60A	HVC100A	HVC120A
Rated current	50A	60A	100A	120A
Max current	51A	61A	101A	121A
System voltage	192V/220V/240V/360V/384V			
Size:(L*W*Hmm)	700*490*185			
package size (L*W*Hmm)	790*580*325			
N.W. (KG)	37	37.5	38	38.5
G.W.(KG)	47	47.5	48	48.5
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	192V: DC144V-240V 240V: DC180V-300V 384V: DC288V-480V		220V: DC160V-270V 360V: DC270V-450V	
MPPT working Range	192V: DC260V-450V 240V: DC280V-450V 384V: DC450V-750V		220V: DC260V-450V 360V: DC450V-750V	
Max PV input	192V: 10KW/12KW/20KW/24KW 240V: 12KW/15KW/24KW/29KW 384V: 20KW/23KW/39KW/46KW		220V: 11KW/13.2KW/22KW/26.4KW 360V: 18KW/22KW/36KW/44KW	
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			