



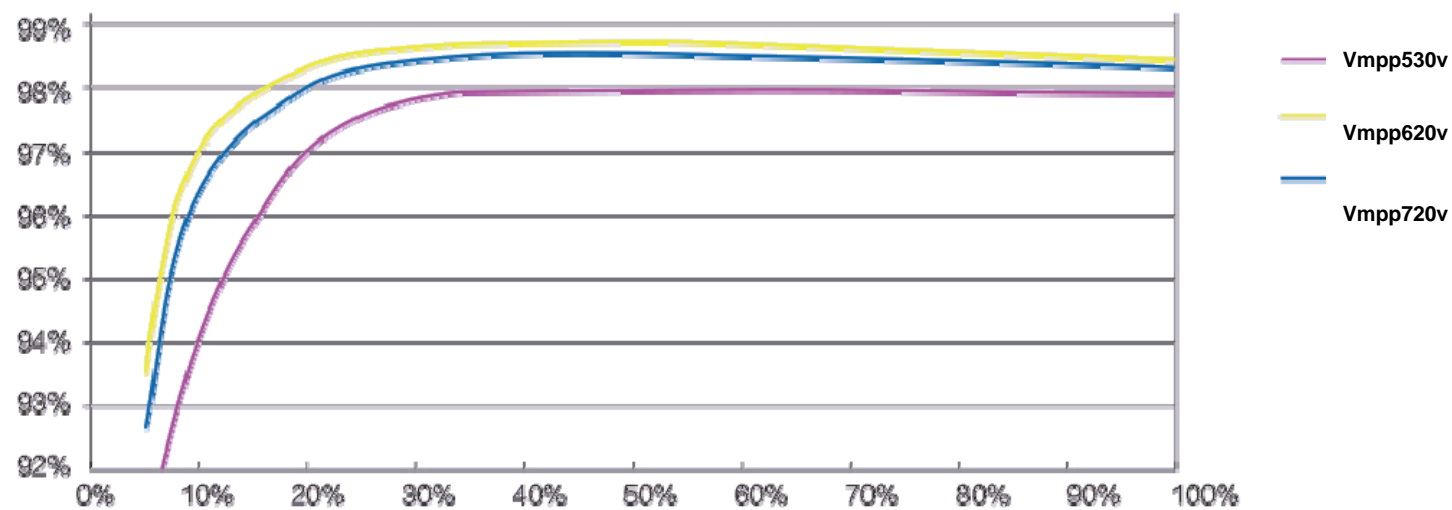
用智慧点亮星辰，雨丁光伏改变生活
Use wisdom to light the stars. Uding soar to change life



NAC50-80K

Features :

- DC Voltage 1100V
- Four MPPT
- High efficiency topology, maximum efficiency >98.8%
- Fuse-free Design
- Intelligent strings monitoring and fast trouble-shooting
- Type II surge arresters for both DC and AC



Model	NAC50K-LV	NAC55K-LV	NAC60K-LV	NAC70K-HV	NAC80K-HV
Rated AC Power	50000W	55000W	60000W	63000W	73000W
Max. Output Power	55000VA	60000VA	66000VA	70000VA	80000VA
DC Input Data					
Max. DC Power	60000W	66000W	72000W	77000W	88000W
Max. DC Voltage	1100V				
MPPT voltage range	250~900V				
Min. DC voltage	250V				
Start Voltage	350V				
No. of MPPT trackers	4				
Max. Input Current	30A/30A/30A/ 20A	30A/30A/30A/ 30A	30A/30A/30A/ 30A	30A/30A/30A/30 A	30A/30A/30A/30A
No. of Input Strings per Tracker	3/3/3/2	3/3/3/3	3/3/3/3	3/3/3/3	3/3/3/3
Type of DC Connector	MC4				
AC Output Data					
Rated AC Current	72.5A	80A	87A	76A	88A
Max. AC Current	80A	87A	96A	84.5A	96.3A
Nominal AC Voltage	400V	400V	400V	480V	480V
Grid frequency	50Hz/60Hz				
AC voltage range	400±20% , 320~480V		480±20% , 384~576V		
Grid Frequency Range	45~55Hz/55-65Hz				
Power Factor	0.8leading ~0.8lagging (full load)				
Total Harmonic Distortion [THDi]	<3%				
Efficiency					
Max.Efficiency	98.8%	98.8%	98.8%	98.8%	98.8%
Euro Efficiency	98.5%	98.5%	98.5%	98.5%	98.5%
MPPT Accuracy	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%

Model	NAC50K-LV	NAC55K-LV	NAC60K-LV	NAC70K-HV	NAC80K-HV
Protection					
DC Insulation Monitoring	Integrated				
Input Reverse Polarity Protection	Integrated				
Output Over Current Protection	Integrated				
Anti-island Protection	Integrated				
GFCI Monitoring	Integrated				
OverHeat Protection	Integrated				
DC Insulation Monitoring	Integrated				
DC Insulation Monitoring	Integrated				
General Data					
Size(Width*Height*Depth)	892×648×278mm				
Weight	75kg				
Mounting	Wall Hangings				
User Interface	LCD				
Communication	RS485/WiFi/GPRS				
Ambient Temperature Range	-25°C~60°C (>45°C Derating Operation)				
Relative Humidity	0~100% (No condensation)				
Operating Altitude	4000m , >2000m Derating Operation				
Standby Self Consumption	<1W				
Topology	Transformerless				
Cooling	Natural convection	Natural convection	Fan	Fan	Fan
Protection Grades	IP65				
Noise	<35dB				
Warranty	5 year(Standard),10/15/20/25 year(Optional)				
Certifications & Standards	IEC 62109-1,IEC 62109-2,EN 61000-2,EN61000-3,AS/NZS 3100 VDA-AR-N-4105,VDE 0126-1-1+AC,CE,GB3/2,UTE C15-712-1,MEA,PEA,AS4777,NB/T 32004-2013				