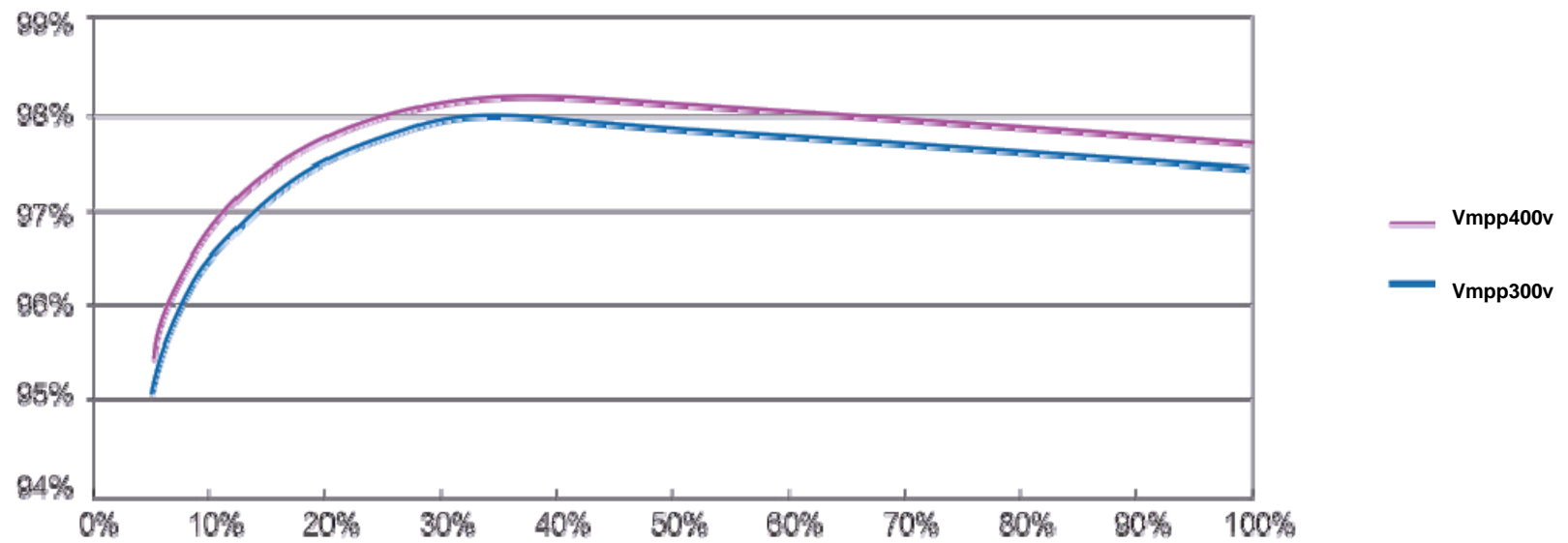




NAC7-8K-DS

Features :

- IP65 all aluminum chassis
- Dual MPPT
- High Efficiency topology, maximum efficiency >98.1%
- Remote firmware upgrade
- Intelligent On-line parameter adjustment
- Online VI curve test



Model	NAC7K-DS	NAC8K-DS
Rated AC Power	7000W	8000W
Max. Output Power	7000VA	8000VA
DC Input Data		
Max. DC Power	7500W	8600W
Max. DC Voltage	600V	
MPPT voltage range	100~550V	
Min. DC voltage	80V	
Start Voltage	120V	
No. of MPPT trackers	2	
Max. Input Current	18A/10A	
No. of Input Strings per Tracker	2/1	
Type of DC Connector	MC4	
AC Output Data		
Rated AC Current	30.5A	34.8A
Max. AC Current	30.5A	34.8A
Nominal AC Voltage	30V ; L+N+PE	
Grid frequency	50HA/60HZ	
AC voltage range	160-290V	
Grid Frequency Range	45~55HZ/55~65HZ	
Power Factor	0.8leading ~0.8lagging (full load)	
Total Harmonic Distortion [THDi]	<1%	
Efficiency		
Max.Efficiency	98.1%	98.1%
Euro Efficiency	97.5%	97.5%
MPPT Accuracy	>99.5%	>99.5%

Model	NAC7K-DS	NAC8K-DS
Protection		
DC switch	Optional	
DC Insulation Monitoring	Integrated	
Input Reverse Polarity Protection	Integrated	
Output Over Current Protection	Integrated	
Anti-island Protection	Integrated	
GFCI Monitoring	Integrated	
Overheat Protection	Integrated	
General Data		
Size(Width*Height*Depth)	395×330×185mm	
Weight	16.5Kg	
Mounting	Wall Hangings	
User Interface	LCD	
Communication	RS485/WiFi/GPRS	
Ambient Temperature Range	-25℃~60℃ (>45℃ Derating Operation)	
Relative Humidity	0~98% (No condensation)	
Operating Altitude	4000m (>2000m Derating Operation)	
Standby Self Consumption	<0.2W	
Topology	Transformerless	
Cooling	Natural Convection	
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 VDE-AR-N-4105,VDE 0126-1-1+AC,CE,GB3/2,UTE C15-712-1,MEA,PEA,AS4777,NB/T 32004-2013	