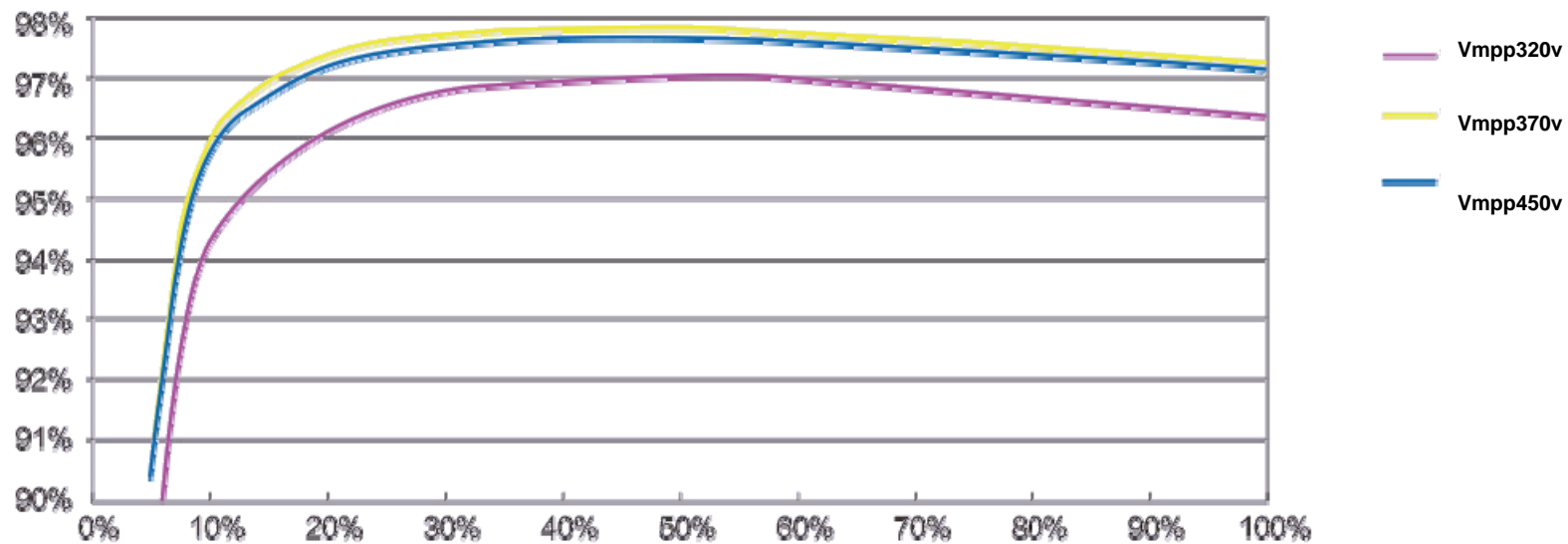




NAC4-6K-DS

Features :

- DC Voltage 600V
- Dual MPPT
- High efficiency topology, maximum efficiency >97.8%
- Small Volume, light weight
- IP65
- Wall Mounted installation



Model	NAC4K-DS	NAC5K-DS	NAC6K-DS
Rated AC Power	4000 W	5000 W	6000 W
Max. Output Power	4200 VA	5000 VA	6000 VA
DC Input Data			
Max. DC Power	4600 W	5500 W	6400 W
Max. DC Voltage	600 V		
MPPT voltage range	100 ~ 500 V		
Min. DC voltage	80 V		
Start Voltage	150 V		
No. of MPPT trackers	2		
Max. Input Current	15 A / 15 A	15 A / 15 A	15 A / 15 A
No. of Input Strings per Tracker	1		
Type of DC Connector	MC4		
AC Output Data			
Rated AC Current	18.2 A	22.8 A	26.0 A
Max. AC Current	21.0 A	24.0 A	26.0 A
Nominal AC Voltage	220 V ; L + N + PE		
Grid frequency	50 Hz / 60 Hz		
AC voltage range	160 ~ 290 V		
Grid Frequency Range	45~55 Hz / 55~60 HZ		
Power Factor	0.8leading ~0.8lagging (full load)		
Total Harmonic Distortion [THDi]	< 2%		
Efficiency			
Max.Efficiency	97.6%	97.6%	97.6%
Euro Efficiency	97.1%	97.1%	97.1%
MPPT Accuracy	> 99.5%	> 99.5%	> 99.5%

Model	NAC4K-DS	NAC5K-DS	NAC6K-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)	348 x 445 x 156 mm		
Weight	16.4 kg	17.4 kg	17.4 kg
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	< 0.2W		
Topology	Transformerless		
Cooling	Natural Convection		
Protection Grades	IP65		
Noise	< 30 dB		
Warranty	5 year(Standard),10/15/20/25 year(Optional)		
Certifications & Standards	IEC 62109-1 , IEC 62109-2 , EN 61000-2 , EN 61000-3 , AS/NZS 3100 VDE-AR-N-4105 , VDE 0126-1-1+A1 , CE,G83/2 , UTE C15-712-1 , MEA , PEA , AS4777 , NB/T 32004-2013		