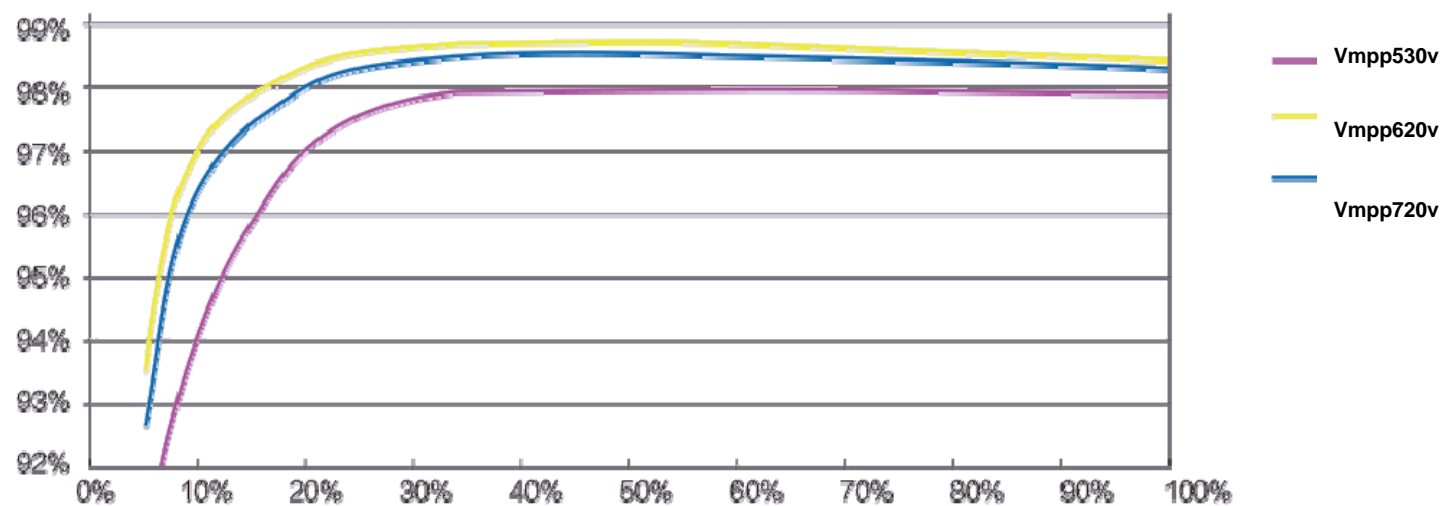




## NAC25-33K-DT

### Features :

- DC voltage 1000V
- Dual MPPT
- High efficiency topology, maximum efficiency > 98.5%
- Fuse-free Design
- Intelligent strings monitoring and fast trouble-shooting
- Type II surge arresters for both DC and AC



Model	NAC25K-DT	NAC30K-DT	NAC33K-DT
Rated AC Power	25000W	30000W	33000W
Max. Output Power	25000VA	30000VA	30000VA
DC Input Data			
Max. DC Power	27000W	32000W	35000W
Max. DC Voltage	1000V		
MPPT voltage range	250-950V		
Min. DC voltage	200V		
Start Voltage	350V		
No. of MPPT trackers	2		
Max. Input Current	20A/30A	30A/30A	30A/30A
No. of Input Strings per Tracker	2/3	3/3	3/3
Type of DC Connector	H4/MC4		
AC Output Data			
Rated AC Current	36.5A	43A	48A
Max. AC Current	36.5A	43A	48A
Nominal AC Voltage	400Vac;3W+N+PE/3W+PE		
Grid frequency	50Hz/60Hz		
AC voltage range	310-480v		
Grid Frequency Range	45-55Hz/55-65Hz		
Power Factor	0.8leading ~0.8lagging ( full load)		
Total Harmonic Distortion [THDi]	< 3%		
Efficiency			
Max.Efficiency	98.5%	98.5%	98.5%
Euro Efficiency	98.0%	98.2%	98.2%
MPPT Accuracy	> 99.5%	> 99.5%	> 99.5%

Model	NAC25K-DT	NAC30K-DT	NAC33K-DT
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		
General Data			
Size(Width*Height*Depth)	660*460*255mm		
Weight	38kg		
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
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		