

Model	NBQ800W-EU	NBQ1000W-EU
Input part (DC)		
Recommended solar panel input power	275-530W× 2	
Number of DC input connections	MC4*2	
Maximum input voltage	60V	
DC voltage input range	16~60V	
Start-up voltage	22v	
MPPT tracking range	22~55V	
MPPT efficiency	≥99.5%	
Maximum input DC current	14A*2	16A*2
Output parameters(AC)		
Maximum output power	800W	1000W
Rated output voltage	230V	
AC voltage range	190-270V	
Maximum output current	3.47A	4.34A
Rated output frequency	50Hz/60Hz	
Output frequency range	47.5-50.5Hz/58.9-61.9Hz	
Harmonic distortion	<5%	
Output power factor	>0.99	
Maximum conversion efficiency	96%	
Protection level	Class I	
Protection function		
Oversvoltage/undersvoltage protection	YES	
Over-frequency/under-frequency insurance Protect	YES	
Anti-island effect protection	YES	
Overcurrent protection	YES	
Overload protection	YES	
Over-temperature protection	YES	
Protection level	IP67	
Operating temperature range	-40°C to +65°C	
Indicator	light Working status light + Wi-Fi signal light	
Communication mode	Wi-Fi / 2.4G	
Cooling method	Natural cooling (fanless)	
Working environment	Indoor/outdoor	
Weight	2.52kg	
Size (L*W*H)mm	227mm*195.5*42mm	
Complies with the standard	VDE:VDE-AR-N 4105;CE-LVD:EN50549; EN62109-1/-2;ROHS:IEC62321,	