

Model	NBQ400W-EU	NBQ500W-EU	NBQ600W-EU
Input part (DC)			
Recommended solar panel input power	200-430W× 1	200-530W× 1	200-625W× 1
Number of DC input connections	MC4*1		
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*1	16A*1	18A*1
Output parameters(AC)			
Maximum output power	400W	500W	600W
Rated output voltage	230V		
AC voltage range	190-270V		
Maximum output current	1.74A	2.17A	2.6A
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			
Overtoltage/undervoltage 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	1.9kg		
Size (L*W*H)mm	181mm*193*38.5mm		
Complies with the standard	EN50549; EN62109; IEC62321,VDE		