

# Power conversion system (without isolation transformer)



## KEY STRENGTHS

- Support multiple parallel connection, easy to expand capacity.
- Transformerless design, high operating efficiency.
- Support constant voltage control and constant power control.
- Support Low & high voltage ride through function.

## large C&I inverter series



DC(battery)		
Model	N0500	N0630
Voltage range (V)	600~900	
Max. current (A)	929	1,170
AC(on-grid)		
Max output power (kW)	550	693
Rate output power (kW)	500	630
Rated voltage (V)	400	
Voltage range (V)	320~460	
Rated current (A)	722	909
Max. output current (A)	800	1,000
Rated frequency (Hz)	50/60	
Frequency range (Hz)	45~55/55~65	
THDi	<3%	
Power factor	1lagging-1leading (Settable)	
AC connection	3W+PE	
General data		
Max.efficiency	98.7%	
Ingress protection	IP21	
Noise emission (dB)	<70	
Operating temperature (°C)	-30~55	
Cooling	Forced air	
Relative humidity	0 ~95% non-condensing	
Operating altitude	5,000m(>3,000 Derating )	
Dimension W*D*H (mm)	1,000*700*2,050	
Net weight (kg)	950	
Transformer	/	
Self-consumption (W)	<208W	
Display and communication		
Display	LCD touch-screen	
BMS communication	RS485, CAN	
EMS communication	RS485, TCP/IP	
Certificates	IEC/EN62109-1/-2, IEC/EN 62477-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4, CGC	

## APPLICATIONS

- » » PV charging station
- » » Wind power storage
- » » Grid-side storage
- » » Combined thermal power FM