

Mode	C800-10	C800-15	C800-20	C800-30
Main Input				
Phase Input	3 Phases + Neutral + Ground			
Input Voltage	380/400/415VAC (Line-Line)			
Frequency	50/60Hz			
Input Voltage Range	304~478Vac (Line-Line),full load; 228V~304Vac (Line-Line),load decreases linearly according to the min phase			
Input Frequency Range	40Hz ~ 70Hz			
Input Power Factor	>0.99			
Input Current THDi	<4% (full Linear Load)		<3% (full Linear Load)	
Bypass Input				
Bypass Voltage	380/400/415VAC (Line-Line)			
Frequency	50/60Hz			
Bypass Voltage Range	Selectable, default -20% ~ +15%; Upper limit: +10%, +15%, +20%, +25%; Lower limit: -10%, -15%, -20%, -30%, -40%			
Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz			
Bypass Overload	125% Long term operation; 125%~130% for 10min; 130%~150% for 1min;			
Output				
Rated Inverter Voltage	380/400/415VAC (Line-Line)			
Rated Frequency	50/60Hz			
Output Power Factor	1		0.9	
Voltage precision	±1.5%(0-100% linear load)			
Transient Response	<5% for step load (20% - 80% -20%)			
Transient recovery	< 30ms for step load (20% - 100% -20%)			
Output Voltage THDu	<1% (linear load); <5.5% (non-linear load) according to IEC/EN62040-3		<1% linear load; <6 (non-linear load) according to IEC/EN62040-3	
Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min;			
Frequency Regulation	50/60Hz±0.1%			
Synchronized Range	Settable, ±0.5Hz ~ ±5Hz, default ±3Hz			
Synchronized Slew Rate	Settable, 0.5Hz/S ~ 3Hz/s, default 0.5Hz/s			
Battery And Charger				
Battery Rate Voltage	±240VDC			
Charger Voltage precision	1%			
Charger Power	max=20% System Power			
Efficiency				
Normal Operation	95%max		>95%	
Battery Operation	94.5%max		>95%	

System				
Display	LED + LCD			
Interface	Standard: RS232, RS485 Option: SNMP, Dry Contact, Parallel kit, Battery cold start			
Environmental				
Operation Temperature	0 ~ 40 °C			
Storage Temperature	-40 ~ 70 °C			
Relative Humidity	0 ~ 95% (Non condensing)			
Noise (1 meter)	58dB @ 100% load, 52dB @ 45% load		65dB @ 100% load, 62dB @ 45% load	
Physical data				
Dimension (W*D*H,mm)	250*840*715	250*840*715	350*738*1335	350*738*1335
Weigh(Kg)	51.5 (without battery)	51.5 (without battery)	89 (without battery)	89 (without battery)