

Code								
Capacity	10KVA 9KW	20KVA 18KW	30KVA 27KW	40KVA 36KW	60KVA 54KW	80KVA 72KW	100KVA 90KW	120KVA 108KW
INPUT								
Rated voltage								
Voltage range	204 ~ 520 Vac (load ≤ 50%); 242 ~ 520 Vac (50% < load ≤ 70%); 304 ~ 520 Vac (70% < load ≤ 100%)							
Rated frequency	50 / 60 Hz (auto-sense)							
Frequency range	40 ~ 70 Hz							
Power factor	≥ 0.99							
Total harmonic distortion (THDI)	≤ 3%							
Bypass voltage range	Rated output voltage -40% ~ rated output voltage +20% (settable via LCD)							
OUTPUT								
Voltage	380 V / 400 V / 415 Vac							
Voltage regulation	± 1%							
Frequency	Synchronized with utility in mains mode; Frequency conversion mode: 50 Hz input and 60 Hz output or 60 Hz input and 50 Hz output 50 / 60 Hz in battery mode							
Waveform	Sinusoidal							
Crest factor	3:1							
Total harmonic distortion (THDV)	≤ 1% (linear load); ≤ 3% (non-linear load)							
Transfer time	0 ms							
Inverter overload capability	102% ~ 125%: transfer to bypass in 10 mins; 125% ~ 150%: transfer to bypass in 1 min; > 150%: transfer to bypass in 0.5 s							
Bypass overload capability	≤ 150%: long time running > 150%: shut down in 10 s							
BATTERIES								
DC voltage	± 192 V (options: ± 204 V / ± 216 V / ± 228 V / ± 240 V)							
Inbuilt battery of standard model	32 × 12 V / 9 Ah	64 × 12 V / 9 Ah	No					
Charging current	1 ~ 12 A (settable via LCD)			1 ~ 24 A (settable via LCD)			1 ~ 24 A (settable via LCD) 1 ~ 48 A (optional)	
SYSTEM								
Efficiency	≥ 93%, ECO mode 98.5%							
Display panel	5.7 Inches LCD touch screen							
Alarm	Battery mode, low battery, fans fault etc							
Max. parallel numbers	6							
EMI	EN62040-2							
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (surge)							
COMMUNICAITONS								
RS232 / RS485 / USB / dry contacts (standard)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10							
SNMP (optional)	Power management from SNMP manager and web browser							
OTHERS								
Humidity	0 ~ 95% RH @ 0 ~ 40°C (non-condensing)							
Noise level	≤ 60 dB							
Dimensions (W × D × H) (mm)	600 × 800 × 1360							
Packaged dimensions (W × D × H) (mm)	720 × 920 × 1500							
Net / Gross weight (kg) Without inbuilt battery	180 / 200	185 / 205	190 / 210	225 / 245	230 / 250	336 / 376	374 / 414	

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.

Rear Panel



1. SNMP (optional)
2. RS232
3. RS485
4. USB

5. TEMP COMPENSATION
6. BATTERY PROTECTION
7. DRY CONTACT
8. PARALLEL PORT (optional)