



Fiche Technique

MODEL	100KVA
Capacity	80KVA Online supply power, static bypass switch, double conversion technology
Work way	
Input Phase	Three phase + N + G
Input voltage	380VAC \pm 25%
Input frequency	50Hz \pm 10%,
Soft start	0 - 100% 5 second
Battery capacity and qty	32 piece (40 piece) / 12 V serial
Battery voltage	384 VDC (480 VDC)
Float voltage	405 VDC (540 VDC)
Charging current	1 A - 40 A (installed according to battery capacity)
Rated power	Standard capacity x 0.8
Output phase	Three phase + N + G
Output voltage	380 VAC \pm 1% (steady state load); 380 VAC \pm 5% (influenced by load)
Output frequency	50Hz \pm 0.05%, 60Hz \pm 0.05% (battery supply)
Crest factor	3 : 1
Output wave form	Pure sine wave
Total Harmonic Distortion	Linear load < 2%, nonlinear load < 5%
Dynamic voltage transient	< \pm 5%
Instant recovery time	< 10ms
Balance load voltage	< \pm 1%; < \pm 5% (unbalance load voltage)
Overload ability	125%: 1 minute, 150%: 1 second
Inverter efficiency	> 91%
Transfer time	0 ms
Communication connector	RS 232, 485 communication management, stem node
Temperature	0 - 40 °C
Humidity	30% - 90%
Service altitude	< 1000 meter (each additional 100 meters with 1% decline of power, the highest is 4000 meters)
Noise (dB)	54 - 65
Size (cm)	97.5 x 55.5 x 129
Weight (KG)	490
Option accessories	Parallel module, harmonic filter, input isolation transformer, smart monitor software, SNMP adaptor