



10KVA-30KVA

Product Features

- True Realization on Online Double Conversion
- Through High Performance Machine run by DSP Technology
- Output Powerfactor Up to 0.8
- Battery can adjust between 16~20 Blocks
- Charging Current can be adjusted from 0.5~6A by using
- Single Phase Grid Power Input Range 110~300VAC
- Emergency Power Off (EPO)
- ECO Mode have saving Energy effect
- 3 Steps Extendable Charging Design,it can ensure the long use of the battery
- 3 phase input include power factor correction function
- N+X Parallel Redundancy
- Widely used by Industry in Finance, Telecommunication, Government Sector, Transportation, Manufacturing, Education etc

Technical Specification

Model		3C3 10KS	3C3 15KS	3C3 20KS	3C3 30KS
Phase		3 phase in and out			
Capacity		10KVA / 8KW	15KVA / 12KW	20KVA / 16KW	30KVA / 24KW
INPUT					
Input voltage		3 x 400 VAC (3Ph+N)			
Voltage range		190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load			
Frequency range		46~54 Hz or 56~64Hz			
Power factor		≥0.99 @ 100% Load			
OUTPUT					
Output voltage		3 Phase 380 VAC (3Ph+N)			
Voltage range (battery model)		± 1%			
Frequency range (synchronized range)		46~54Hz or 56~64Hz			
Frequency range(battery model)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current crest ratio		3:1 (MAX)			
THD		≤ 2% THD (Linear load) ; ≤ 5% THD (non-linear load)			
Transfer time	AC-DC	0			
	By pass	0			
wave (battery model)		Pure sine wave			
Efficiency					
AC model		89%		89%	89%
Battery model		86%		88%	87%
Battery					
standard	battery model	12 V / 7 Ah			
	quantity	20			
	standard charger time	9 hour can charger 90%			
	max charger current	1A		2A	2A
	charger voltage	273 VDC ± 1%			
long run machine	battery model	20 Pcs (16-20 optional)			
	quantity				
	max charger current	4A		4A	4A
	charger voltage	273 VDC ± 1%			
Indicators					
LCD or LED		Load power , battery capacity , AC model , by pass model、 fault			
Alarm					
Battery model		Sounding every 4 second			
less than mini voltage		Sounding every 1 second			
overload		Sounding every 0.5 second			
Fault		continuously sounding			
Physical					
Net Weight(KG)		44		50.3	62.3
Gross Weight(KG)		60		66.3	82
Unit Dimension (W X H X D) mm		558*250*820mm(with wheel)			780*250*820mm(with wheel)
Wooden case with pallet(W X H X D) mm		710*385*1108mm			932*385*1108mm
Environment					
Humidity		0-95 % RH @ 0- 40°C (non-condensing)			
Noise		Less than 60dB @ 1 Meter		Less than 65dB @ 1 Meter	
Control management					
RS-232 / USB		Support Windows 2000 / 2003 / XP / Vista / 2008,Windows7 / 8, Linux, Unix, and MAC			
Optional SNMP		Power management from SNMP manager and web			