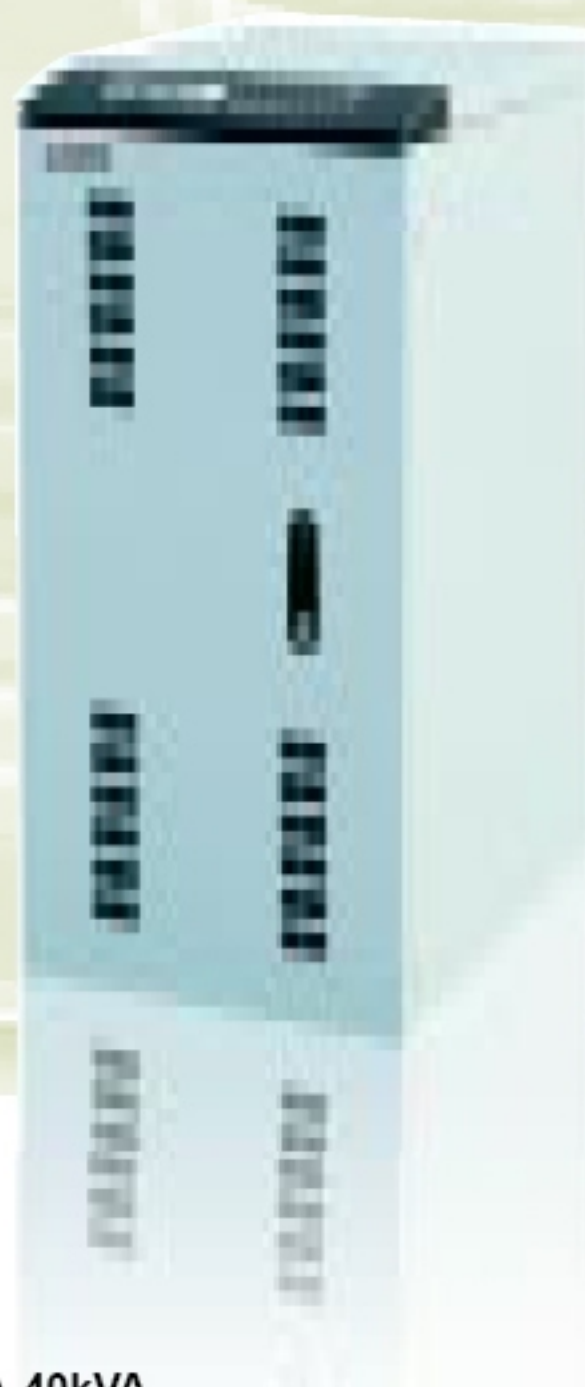


3W3 SERIES

3W3 SERIES

10kVA-40kVA



Ranging: 10kVA-40kVA
Working mode: Double conversion on-line
Application: Data Processing Centre
Mainframe System
Manufacturing and Telecom Equipment

Features:

- Three-phase input, three-phase output, applicable to 380/400/415V, 50/60Hz net
- Online double conversion, provide best power
- Fit to all kinds of load, especially overload
- Double DSP digital control, realize IGBT rectification, inversion, charging and discharging
- Advanced IGBT inversion technology, input power factor reaches 0.99, low harmonic current, environment friendly and save energy
- Digital circumfluence technology, high stability of parallel connection
- Wide input voltage range, applied to environment of bad electricity
- Intelligent battery management, extend its life
- Automatic self-check, complete security for faults, with 50



- 1 BY-Pass output
- 2 Inverter output
- 3 Line Input
- 4 Battery supply

Function

records

- MTBF > 200,000h
- MTTR < 0.5 h
- Large LCD which display load, battery capacity, input&output, multiple languages(English, Russia……)
- Output transformer is optional



Technical Data

Model	3W310K	3W315K	3W320K	3W330K	3W340K
Output capacity	10kVA	15kVA	20kVA	30kVA	40kVA
Input					
Voltage	380VAC \pm 20% (3 ϕ +N) at normal load				
Frequency	45-65Hz				
Power factor	>0.95				
Output					
Voltage	380VAC \pm 1% (3 ϕ +N)				
Setting range	346-415 VAC(On the control panel)				
Crest factor	3:1				
Wave form	Sine wave				
Distortion	Non linear load THD<5%,resistance load THD<2.5%				
Stability voltage at steady state	\pm 1%				
Stability voltage at transient state	\pm 4%				
Frequency	50/60Hz The same of input				
Frequency stability without synchronization	\pm 0.05%				
Frequency stability with synchronization	Frequency is same as bypass				
Overload	110%/125%/150% of rated current for 300/30/3 s				
Efficiency AC/AC	> 92%				
Power factor	0.7 LAG				
Battery					
DC Voltage	192+192VDC (288+288VDC)			288+288VDC	
Widing	different battery combination				
Transfer time					
AC fault	0 ms				
UPS fault	< 2 ms				
Bypass					
Type	STATIC+ manual per maintenance operation				
Voltage	380VAC \pm 15%(\pm 10%~ \pm 20%) 3 ϕ +N (on the control panel)				
Input frequency range	50/60 \pm 2%(\pm 1%~ \pm 5%) (on the control panel)				
Overload	200% 1 min				
Interface					
Remote signal	Dry contacts/remote control panel				
Remote command	EPO and Bypass				
computer interface	Standard RS232 x 2				
General data					
Max operating altitude	max.4000m rated power output at 1000m(reduce 1% of rated power output when the altitude increases every 100m)				
Cooling	forced venational (fan speed function of load)				
Applicable standards	Safety EN50091-1, Electromagnetic compellability EMCEN 50091-2 class A				
Option	Insulation transforms- harmonic suppression filter-parallelism kit up to six units				
Temperature	0°C ~ 40°C				
Humidity	95% (No condensing)				
Noise	< 56 dB at 1 meter				
Weight	100/175/188kg	105/192/193 kg	110/239/238 kg	120/278/248 kg	145/326/273 kg
Dimension(WxDxH)	505x720x1140 mm				505x825x1215mm

● Specifications subject to change without prior notice.Refer to our company or agent.