



High frequency Online UPS ITS YAD 5033

3 in 3 out



Product specification:

Model	ITS YAD 5033
Phase number	3ph—3ph
Power capacity	50KVA/45KW
Input	
Rated voltage	380V/400V/415V
voltage range	+25% ~ - 25%, full load / 25% ~ - 40%, linear derating with load capacity between 100% and 70%
frequency range	40~70Hz
Current distortion rate	<3%
power factor	>0.99
output	
Rated output voltage	380V/400V/415V
voltage accuracy	±0.5% (balanced load)
Dynamic voltage transient	2% (0 ~ 100% load change)



Voltage distortion rate	THD < 0.5% (linear load) / THD < 3% (nonlinear load)
power factor	0.9
Frequency tracking range	50 / 60Hz ± 3Hz, settable
Frequency accuracy	±0.01%
Three phase accuracy	120°±0.5°
Voltage unbalance	± 3% (100% unbalanced load)
Frequency tracking rate	0.5hz/s to 5Hz / s, settable
Peak ratio	3:1
Overload capacity	105% long-term operation / 110%, 1H / 125%, 10min / 150%, 1min / > 150%, shut down immediately
system	
system efficiency	Normal mode: 95%, economic mode: 99%
Battery mode efficiency	95%
Battery configuration	12V, 32 sections (± 16 ~ ± 20 sections optional)
display	LCD+LED
insulation resistance	>2M (500VDC)
Degree of protection	IP20
communication interface	RS232, RS485, dry contact, SNMP card, EPO, generator interface
Wiring mode	Rear incoming line
working temperature	0-40°C
relative humidity	0-95% (no condensation)
Noise (dB)	<55dB
32PCS*55AH battery inside UPS Weight (kg)	631kg
Dimension dxwxh	825 x 300 x 958 mm