


## Low Frequency Online UPS

MODEL	MS-60KVA	
Capacity	60KVA 48KW	
PICTURE		
Main Features	<ul style="list-style-type: none"> <li>• DSP Technology</li> <li>• Active input power factor correction (PFC)</li> <li>• Zero power switch delay</li> <li>• Active Load Management</li> <li>• The load power factor is 0.8</li> <li>• Generator Supportable</li> <li>• Advanced Current Control</li> <li>• IGBT power component</li> <li>• Online Maintenance</li> <li>• EPO Function</li> </ul> <ul style="list-style-type: none"> <li>• ECO energy-saving mode</li> <li>• Parallel redundancy</li> <li>• Advanced battery management</li> <li>• High reliability and power supply</li> <li>• High efficiency and low cost</li> <li>• Imitation screen and personality operation interface</li> <li>• Flexible operation</li> <li>• Deal for Data Centers in network and Industrial applications</li> <li>• perfect for the most demanding and delicate of applications</li> </ul>	
<b>Detailed Specifications</b>	Work way	Online supply
	Input Phase	Three phase + N + G
	Input voltage	380VAC ± 25%
	Input frequency	50Hz ± 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 ± 1% (steady-state load); 380 VAC ± 5% (influenced by load)
	Output frequency	50Hz ± 0.05%, 60Hz ± 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	< ± 5%
	Instant recovery time	< 10ms
	Balance load voltage	< ± 1%; < ± 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
Noise (dB)	45 - 55	
Size (cm)	82.1 x 43.2 x 11.6	
Weight (KG)	320	

\*Specifications are subject to change without prior notice due to constant improvement in design & technology.