MAG G SERIES
30 - 200KVA 3PH-3PH
Online LF Transformer UPS

Features

- True Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- compatible for all kind of loads
- Intelligent battery management to prolong battery lifecycle
- Independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input (Optional)
- Parallel operation with up to 4 units (option)
- Multiple Communication ports including MODBUS, USB, Dry contact, RS232 & SNMP (Optional)
- Reverse phase frequency operation and supports non-neutral input

CONTACT US

APM Technologies, No.5/315-A St. Mary's Street, Santhosh Nagar,
Kandhanchavadi, Chennai - 600 096. Ph : +91 44 29520308 / 9659530302
Email : apm@apmtechnologies.co.in / www.apmups.com

Technical Specifications

CAPACITY		30KVA 24KW	40KVA 32KW	60KVA 48KW	80KVA 64KW	100KVA 80KW	120KVA 96KW	160KVA 128KW	200KVA 160KW
INPUT									
Nominal Voltage		3 x 380VAC/400VAC (3Ph + N)							
Acceptable Voltage Range		285VAC ~ 475VAC							
Frequency		50/60 Hz ± 10 %							
INVERTER									
Nominal Voltage		3 x 380VAC/400VAC (3Ph + N)							
Precision		Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)							
Frequency		50/60 Hz synchronised ±1 % With mains absent ±0.1 Hz							
Max. Synchronisation Speed		±1 Hz/s							
Waveform		Pure Sinewave							
Total Harmonic Distortion (THDv)		<2% (Linear Load) <5% (Non-linear Load)							
Phase Displacement		120° ±1% (balanced load) 120° ±2% (imbalances 50% of the load)							
Dynamic Recovery Time		3 cycles at 90 % of the static value							
Admissible Overload		110% for 10min; 150% for 60sec ; >160% for 200ms							
Admissible Crest Factor		3:1							
Admissible Power Factor		0.6~1 (inductive or capacitive)							
Imbalance Output Voltage @ 100% Unbalanced Load		<1%							
Current Limit		High overload, short-circuit: RMS Voltage Limit High Crest-Factor current: Peak Voltage Limit							
STATIC BYPASS									
Type		Solid state							
Voltage		3 x 380VAC/400VAC (3Ph + N)							
Frequency		50/60 Hz							
Activation Criterion		Microprocessor control							
Transfer Time		Zero							
Admissible Overload		150% for 1 hour; 180% for 30sec; >200% for 200ms							
Transfer to Bypass		Immediate, for overloads above 160%							
Retransfer		Automatic after alarm clear							
MAINTENANCE BYPASS									
Type		Without interruption							
Voltage		3 x 400V (3Ph + N)							
Frequency		50/60 Hz							
Overall Efficiency	Line Mode	90%	91%		92%				
	Battery Mode	91%	92%		93%				
BATTERY & CHARGER									
Battery Type and Numbers		12VDC x 32 pcs (29~32 pcs adjustable)							
Nominal Battery Voltage		384 VDC (Based on 32pcs batteries)							
Charging Method		CC/CV							
Precision		±1%							
Charging Current		*Default 10A; Maximum 40A; 5A@ full load							
Charging Voltage		432 VDC (Based on 32pcs batteries)							
PHYSICAL									
Dimensions, D x W x H(mm)		656 x 405 x 941	821 x 432 x 1159		975 x 554 x 1286		975 x 554	1051x705x1646	
Net Weight (Kgs)		193	278	365	471	573	650	760	840

The maximum current is never higher than 40A.
Product specifications are subject to change without further notice

CONTACT US

APM Technologies, No.5/315-A St. Mary's Street, Santhosh Nagar,
Kandhanchavadi, Chennai - 600 096. Ph : +91 44 29520308 / 9659530302
Email : apm@apmtechnologies.co.in / www.apmups.com