

On Line Low Frequency Industrial UPS GL31 iND II 384VDC 10-80K(L)



Technical Features:

- True online double conversion with DSP control
- Galvanic isolation eliminates common mode noise and provides the cleanest power in the most demanding conditions
- Conformal coating ensures operation stability and safety in critical environment
- Standard IP31 protection, optional IP42 to withstand harsh environment
- Wide range of operation temperature
- In-built 40kA surge protection module
- Redundant design on key components
- Accepts dual-mains inputs
- Parallel capability up to 4 units

Applications:

- Industrial process (manufacturing and control system, Industrial machinery, instrument and measurement, process monitoring and control, security and transport systems....)
- Infrastructures (hospital, airport, semiconductor, water treatment, metallurgy)
- Energy industry (gas and oil, nuclear power)
- Military application

Technical Specifications:

MODEL	GL31 iND II 31-10K	GL31 iND II 31-20K	GL31 iND II 31-30K	GL31 iND II 31-40K	GL31 iND II 31-60K	GL31 iND II 31-80K
CAPACITY	10KVA /8KW	20KVA /16KW	30KVA /24KW	40KVA /32KW	60KVA /48KW	80KVA /64KW
INPUT						
Rectifier Type	6 pulse					
Main Input and Bypass Input	Supports dual inputs					
Nominal Voltage	380VAC/400VAC/415VAC					
Acceptable Voltage Range	304VAC ~ 456VAC					
Frequency	50Hz/60Hz ± 10%					
TVSS	40kA					
BYPASS						
Nominal Voltage	220VAC					
Input Voltage Range	165VAC ~ 275VAC					
BATTERY						
Battery Voltage	384VDC (Adjustable)					
Cold Start	Yes					
OUTPUT						
Power Factor	0.8					
Nominal Output Voltage	220VAC/230VAC/240VAC					
Output Voltage Regulation	±1%					
Overload Capability	110% continuous running; 125% for 10 min; >150% for 1 min					
PHYSICAL						
IP Protection	IP31 [default],IP42 (Option)					
Dimensions, D x W x H(mm)	800 x 800 x 1800					
Net Weight (Kgs)	285	319	337	387	468	523
ENVIRONMENT						
Operating Temperature	0~ 40°C					
Storage Temperature	-25°C ~ 55°C					
Humidity	0~95% (non-condensing)					
Altitude	1000m					
MANAGEMENT						
Modbus RS-232/RS485	Supports Windows® family, Linux and MAC					
Dry Contacts	5 outputs and 4 inputs					
Optional SNMP	Power management from SNMP manager and web browser					
STANDARD						
Safety	IEC62040-1-2017					
EMC Immunity	IEC61000-4-5					
EMC Emissions	IEC62040-2-2018					
Approvals	CE / CB/ Conformance testing / EMC / ROHS2 / Reach / YDT1095-2018					

* Product specifications are subject to change without further notice

