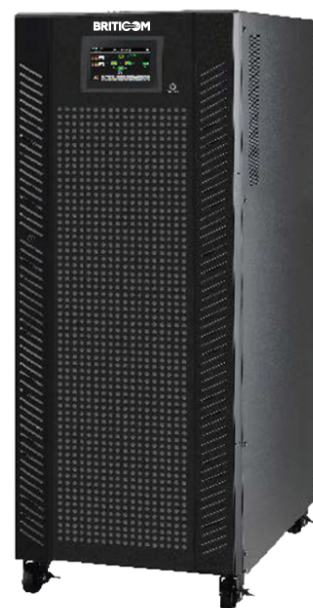




Nurag 80KL

Specifications

Capacity	80k VA / 80k W
Type	On-line
Input	
Nominal Voltage	3 x 400 VAC (3Ph+N)
Voltage range	190-520 VAC (3-phase) @ 50% load 305-478 VAC (3-phase) @ 100% load
Frequency Range	46 ~ 54Hz
Phase	3-phase in / 3-phase out
Power Factor	≥ 0.99 at 100% load
Outlet type	Terminal Block Wiring
Output	
Nominal Voltage	3 x 360*/380/400/415 VAC (3Ph+N)
AC Voltage Regulation (Batt. Mode)	± 1%
Frequency Range (Synchronized Range)	46 ~ 54Hz
Frequency Range (Batt. Mode)	50Hz ± 0.1 Hz
Current Crest Ratio	3:1 (max.)
Harmonic Distortion	2 % THD (Linear Load) 5 % THD (Non-linear Load)
Waveform (Batt. Mode)	Pure Sine-wave
Outlet type	Terminal Block Wiring
Transfer Time	
AC Mode to Batt. Mode	Zero
Inverter to Bypass	Zero
Overload	
AC Mode	100-110% for 60 min 110-125% for 10 min 125%~150% for 1 min >150% immediately
Battery Mode	100-110% for 60 min 110-125% for 10 min 125%~150% for 1 min >150% immediately



True double
conversion



Pure Sine
Wave



ECO Mode
for energy saving

- On-line with double conversion
- 3-stage extendable charging design for optimized battery performance
- Output power factor 1.0
- Optional isolation transformer
- DSP technology guarantees high performance
- Active power factor correction in all phases
- High efficiency up to 98.5%
- EPO function
- Maintenance bypass
- LCD display
- Software management
- ECO mode operation for energy saving
- Generator compatible

*When output voltage is set as 3 x 360VAC, the output power of the unit will be de-rated to 90%.



Efficiency

AC Mode	≥ 95.5 % at battery fully charged
Battery Mode	≥ 94.5 % at full charged battery
ECO Mode	≥ 98.5 % at full charged battery

Indicators type

LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
Alarm	Battery mode, Low battery, Overload, Fault

Environment

Humidity	< 95 % RH at 0-40°C (non-condensing)
Noise level	Less than 75dB at 1 m

Battery

Battery type & number for external cabinet	12V lead acid, (16 - 20) pcs x 2 strings
Charging Voltage	+/-13.65V*N (N = 16~20)
Charging Current (max)	2A-24A (adjustable)

Management

Connection ports	RS232 / USB / EPO SNMP optional
Software (online download)	https://www.power-software-download.com/viewpower.html
Software capability	Monitor & Control over USB, LAN and Internet (SNMP card optional)
OS Support	Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux, MAC OS

Physical

Product dimensions	790 x 360 x 1010 mm
Product Net Weight	119 kg

Logistics

 Carton Box Size (LxWxH)	910 x 480 x 1080 mm
 Pieces in the Carton Box	1 pcs
 Net & Gross weight / CTN	N.W.: 119 kg / G.W.: 143 kg

Certificates





Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Range		VA Power		Typology	
AR	Aria	10K	10K VA	TO	Tower
ED	Edoc	20K	20K VA	BR	Brick
NE	Neek	40K	40K VA	1U	Rack (1U)
NK	Nekot	80K	80K VA	2U	Rack (2U)
NO	Notner			3U	Rack (3U)
NT	Neta			C3	Rack (3U) / Convertible
NU	Nurag				
OH	OhcePRO				
RD	Redlab				
RS	Resta				
RT	Retos				
RG	Regnar				
SU	Suroh				
UD	Udac				
▲		▲		▲	
NU	SP	80K	80K	TO	PW
▼		▼		▼	
Single Phase 3 Phase In - 3 Phase Out 3 Phase In - 1 Phase Out		10K w 20K w 40K w 80K w	10K 20K 40K 80K	Pure Sine Wave Simulated Sine Wave	
SP 33 31				PW SW	
Phase		W Power		Output waveform	

Example Part Number	
Description	Part Number
Nurag 80KL Single Phase Tower Pure Sine Wave UPS unit	NUSP80K80KTOPW

Nurag 80KL

