

On Line Uninterruptible Power Supply

ARTon Neo Series 30-160 kVA



Specifications

- High Output Active Power: Power Factor 0.9
- High efficiency up to 94%
- Low input current total harmonic distortion (THD)
- High input power factor
- 4500 events memory 512 alarms
- 3 DSP controlled modular structure
- Output short circuit and overload protection
- Emergency Stop Function
- Automatic battery test, remaining battery time indicator
- Temperature compensated charge system
- Remote Monitoring by Modem
- Standard RS232 serial ports and dry contact outputs
- Static and maintenance by-pass switch
- Parallel Operation (Optional) 8 pcs

General Application Areas:



Finance



Medical



Industry



Datacenter



Energy



Construction



ARTon Neo Series 30-160 kVA Technical Specifications

MODEL	ARTon NEO 30	ARTon NEO 40	ARTon NEO 60	ARTon NEO 80	ARTon NEO 100	ARTon NEO 120	ARTon NEO 160
Power	30 kVA	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA
Input							
Power Factor(THDI)	> 0.98 / < 5%						
Voltage	380 - 400 VAC 3 phase, 4 wires, + earth \pm 20% [240/415 VAC + 15%, - 25% opsiyonel]						
Frequency	50 Hz / 60 Hz selectable \pm 5%						
By-pass Voltage	380 - 400 VAC 3 phase, 4wires, \pm 20%						
By-pass Protection	Short circuit, voltage tolerance, frequency tolerance, VAT transfer						
Protection	Fuses, voltage&frequency tolerance, input power limit, input PFC						
Voltage Distortion	< 10%						
Output							
Power (kW)	27	36	54	72	90	108	144
Power Factor	0.9						
Voltage	380 - 400 VAC 3 phase, 4wires, + earth \pm 1%						
Frequency	50 Hz / 60 Hz selectable						
Frequency Tolerance	Line synchronized: \pm 2% / free running: \pm 0,2% (adjustable)						
Efficiency	up to 94%						
Crest Factor	3:1						
Overload Protection	100% - 125% load: 10 min.-125% - 150% load:1 min. - > 150% load: by-pass (adjustable)						
Other Protections	Advanced short circuit, voltage tolerance, DC balance, regenerative load, current limiting						
THD (%100 linear load)	< 3%						
Batteries							
Type	Sealed lead acid - Maintenance free						
Number of Batteries	2 x 30 (\pm 30): 60 batteries						
Float Charging Voltage	2 x 405 VDC						
End of Discharge Voltage	2 x 300 VDC						
Battery Cabinet	Internal			External cabinet			
Battery Ambient Temp. °C	20°C						
Protections	3 level alarms, battery fuses, charging current limit, temperature compensation						
THD (at 100% linear load)	Standard every 72 hours (adjustable)						
General							
Regulations	EN62040-2						
User Interface	4 lines LCD panel, mimic leds, 5 vector buttons, buzzer, optional graphical touch-panel						
Indicators	P-N voltage, P-P voltage, current, power, crest factor, frequency, PF, service time						
Advanced	Self diagnostics 4 maintenance time indicators calibration over RS232						
Communication	2 x RS232 serial ports, 4 standard and 8 optional DRY contact alarm relays						
Inputs	EPO input, interactive battery panel input, genset input						
Genset Kit	Standard (programmable)						
Software	Standard T-Mon UPS Management Software (3 clients + 1 server management)						
Alarm Logging	Standard: with time & date 192 events, (optional 512 events)						
Protections	Power module over-temperature, over current, temperature high alarm						
Temperature Range	0°C - 40°C						
Protection Degree	IP 20						
Humidity / Altitude	90% max. (noncondensed) / < 1000m above sea level						
Acoustic Noise	< 57 dBA			< 68 dBA			
Weight (kg)	100	173	180	194	216	258	
Dimensions (mm) WxDxH	400 x 815 x 1035		515 x 855 x 1440				
Options							
Input	110 / 208 VAC						
Output	110 / 208 VAC						
Transformer	Galvanic isolation transformer at the input&output						
Software	T-Mon Admin Multi UPS monitoring, T-Mon server 50-100-200 clients, DLOG log loader						
Adaptors	SNMP, MODBUS, RS485, Remote Panel						
Parallel Operation (Optional)	8						

*Product specifications are subject to change without further notice to third parties. © ARTronic Elektronik San. Müm. Tic.A.S.

ARTronic®

The art of electronics

Phone: +90 (216) 365 82 21 / Fax: +90 (216) 592 44 40

artronic@artronic.com.tr www.artronic.com.tr