KONVERTÖR

10-800 kVA

YÜKSEK VERİM

TEMİZ ENERJİ

DOĞA DOSTU TEKNOLOJİ

TÜM CİHAZLARA UYUMLU

İZOLASYON TRAFOSU
ISOLATION TRANSFORMER

RS-232 & KURU KONTAK
RS-232 & DRY CONTACT

ON-LINE VERİM
%94
ON-LINE EFFICIENCY

KORUMA SINIFI
IP20
IP23
IP54
PROTECTION CLASS

Converter

DC~DC/AC~AC voltage and frequency converters fulfill the needs of continuous business activities in different areas.

Improved reliability, sensibility in operating parameters makes it an essential solutions for critical loads

DC~DC - AC~AC Gerilim ve Frekans Konvertörleri, farklı alanlardaki devamlı iş faaliyetlerinin ihtiyacıdır.

Geliştirilmiş güvenilirliği, çalışma parametrelerindeki hassasiyeti, onu kritik uygulamalar için gerekli bir çözüm haline getirir.

Kesintisiz Güç Kaynağı & Data Center Altyapı Çözümleri

Uninterruptible Power Supply & Data Center Solutions

necron energy

Technical Specifications	Converter
INPUT	
Voltage	3x380 / 220 VAC + N, 3x400 / 230 VAC + N, 3x415 / 240 VAC + N
Voltage Tolerance	± 20% (Load-Dependent Changes)
Frequency	50 / 60 Hz ± 5% (Auto Sensing)
Power Factor	0.8 Standard / Optional 0.9 12 Pulse Rectifier
Total Harmonic Distortion	Approx 20% for 6 Pulse Device - Approx 10% for 12 Pulse Device
OUTPUT	
Voltage	440 / 110 VAC + N (The Desired Output Voltage Can Be Produced)
Voltage Tolerance	± 1% (Linear Load), ± 3% (Dynamic Load), 0% - 100% ± 5% Load Transitions
Frequency	± 0.1% (Self-Synchronized)
Frequency Tolerance	± 1% (When Synchronous Network)
Power Factor	0.8
Crest Factor	3:1
Overload Protection	100% - 125% Load: 15 Minutes / 125% - 150% Load: 1 Minute
Total Harmonic Distortion	< 2% Linear Load / < 5% Non-Linear Load
GENERAL	
Topology	On-Line Double Cycle
Paralleling	Distributed Parallel Architecture
Redundancy [N+1]	Paralleling Capability up to 6 Modules
Control	Microcontroller Controlled
Protection Type	IP 20 - 54
Standards	EN 50091-1 (Safety), EN 50091-2 (EMC)
Efficiency	> 94% / 97%
Static Maintenance Bypass	Standard
PHYSICAL	
Ambient Temperature	0 - 40 °C
Relative Humidity	0% - 95% (Non-Condensing)
Acoustic Noise (1m)	< 55dB / < 60dB / < 65dB
Working Height	< 2000m (Sea Level)
Color	RAL 7012
Dimension (WxHxD) [mm]	**10KVA:** 63x175x78; **15-60KVA:** 73x175x88; **80KVA:** 83x175x88; **100KVA:** 123x175x88; **120KVA:** 153x175x88; **160-200KVA:** 183x195x98; **250-300KVA:** 203x215x98; **400KVA:** 263x215x98; **500-800KVA:** 373x215x98
Weight (Without Battery) [kg]	256 / 300 / 330 / 370 / 450 / 550 / 630 / 860 / 950 / 1565 / 1700 / 2300 / 2750 / 3500 / 4000 / 4500 / 5000 / 5500
COMMUNICATION	
Power Management Indicator	LCD, Mimic Diagram
Communication Port (Smart Port)	Serials RS232 / RS485 / RJ45
Communication Port (Dry Port)	2 Standard, 8 Opsional
Advanced Communication	Modbus, Jbus, Profibus, Modem, Web, Telnet, GPRS, SNMP
Color and Monitoring	SNMP Software Universe
STATIC BYPASS	
Input	3x380 / 220 + N + N 3x400 / 230 VAC, 3x415 / 240 VAC + N (Network or the Desired Source)
Output	440 / 110 VAC + N (The Desired Output Voltage Can Be Produced), ± 10% (Adjustable)
Transition Time	0 Second
Power	150%
Protection	Fuse
Nominal Voltage	405 Volt
BATTERY	
Type	Dry Type
Charging Time	Adjustable
Battery Test	Automatic / Manual
Feeding Time	Optional