

# NETPRO-31 Series

10 ~ 40 kVA 3 Phases / 1 Phase

## Uninterruptible Power Supply

INDUSTRIAL  
APPLICATIONS



SATELLITE  
SYSTEMS



COMMUNICATION  
SYSTEMS



NETWORK  
SYSTEMS



MEDICAL  
DEVICES



FIRE & ALARM  
SYSTEMS



SATELLITE  
RECEIVERS



EMERGENCY  
SYSTEMS

### GENERAL FEATURES

DSP Microprocessor Control  
True On-Line Double Conversion  
IGBT Rectifier  
Active Input Power Factor Correction ( $\geq 0,99$ )  
Low Input Current THDi ( $< 3\%$ )  
Wide Input Voltage Range ( $\pm 25\%$ )  
Generator Compatible Operation  
Low Output Voltage THDv ( $< 3\%$ )  
High Efficiency (Normal Operation Up To 92%)  
Highest Efficiency with Smart Eco-Mode Operation(98%)  
Low Response Time ( $< 2\text{ms}$ )  
Start on Battery (Cold Start)  
Short Circuit, High-Low Voltage, Overload Protection  
Standard Static & Maintenance By-Pass  
Intelligent Battery Management Software  
EMI / RFI Filter  
Smart Fan Control  
LCD Panel & LED Operation Mode Diagram  
RS232 Communication

**100% Made In TURKEY**  
**Environment Friendly Design**  
**Low Weight&Dimensions**  
**Low Installation and Operational Costs**  
**Easy Maintenance and Service**  
**10 Years Spare Part Warranty**  
**7/24 Technical Support and Customer Services**

### OPTIONAL FEATURES

Customized Input/Output Options  
Advanced Remote Monitoring and Management Options via SNMP  
Parallel / Redundant Operation  
Galvanic Isolation Transformer

### STANDARDS

EN 62040-1 (Safety), EN 62040-2 (EMC)

## Uninterrupted Power Uninterrupted Service



### TECHNICAL SPECIFICATIONS

Model	NETPRO 31				
Power	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA
<b>INPUT</b>					
Voltage	380 VAC $\pm$ 20% ( 3P + N )				
Frequency	50/60 Hz $\pm$ 10%				
Input Power Factor	$\geq$ 0,98				
THDi	$<$ 2%				
<b>OUTPUT</b>					
Voltage	220 VAC + 1% ( 1P + N )				
Frequency	50/60 Hz $\pm$ 0,2				
Power Factor	0,9				
Crest Factor	3:1				
Waveform	Pure Sine				
THDv	$<$ 3% ( Linear Load ) / $<$ 5% ( Non-Linear Load )				
<b>STATIC BY-PASS</b>					
Transfer Time	0 ms				
Overload Capacity	150%				
Protection	Overload, Short Circuit				
<b>BATTERY</b>					
Voltage / Quantity	Depends on Power ( Standard / 16 pcs. 12V )				
Type	Maintenance Free Dry Type				
Back Up Time	Selectable				
<b>GENERAL</b>					
Technology	On-Line Double Conversion				
Control	DSP Microprocessor Controlled, High Frequency PWM				
Efficiency	$>$ 92%				
Parallel Operation	Optional				
Redundant Operation	Optional				
Protection	Overload, Over Temperature, Input/Output Short Circuit Protection				
<b>COMMUNICATION</b>					
Display	2x16 Character LCD Display / 4x20 Character LCD Optional ( Different Language Options )				
Alert/ Event	Normal Operation Datas, Battery Low, Overload, UPS Fault				
Advanced Communication	RS232, SNMP ( Optional )				
Software	Netpro PC Software				
<b>ENVIRONMENT</b>					
Operating / Storage Temperature Range	0 °C ~ 40 °C / -15 °C ~ +55 °C				
Relative Humidity	0% ~ 95% ( Non-Condensing )				
Altitude	$\leq$ 1500 m				
Noise	$<$ 50 dB ( from 1 meter distance )				
Protection Class	IP20				
<b>PHYSICAL</b>					
Dimensions (WxDxH cm)	25 x 50 x 62	25 x 50 x 62 + Cabinet	2 x ( 25 x 50 x 62 ) + Cabinet		

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