

NETPRO[®]-11H Series

1 ~ 20 kVA 1 Phase / 1 Phase

Uninterruptible Power Supply

MARINE
EQUIPMENT



OFFICE
EQUIPMENTS



SOUND & IMAGE
SYSTEMS



MEDICAL
EQUIPMENT



ELECTRONIC
SCALES



LIGHTING
SYSTEMS



TV & VIDEO
SYSTEMS



ELECTRICAL
HOUSE UNIT

GENERAL FEATURES

Pure Sine Wave Output Online Ups
Double Conversion Technology
DSP Microprocessor Controlled
IGBT Rectifier And Inverter
Static By-Pass
Wide Input Voltage Operation Range
Cold Start Feature
Input Power Factor Correction (PFC)
High Efficiency With Energy Saving
EMI / RFI Filters
Selectable Input / Output Voltage And Frequency
Advanced Battery Charger
Communication with RS232
Battery Deep Discharge Protection
User Friendly Lcd Panel
High Efficiency With Energy Saving
Maximum Safety With CPU Control
Compact, Light And Quiet Design

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

Uninterrupted Power Uninterrupted Service



OPTIONAL FEATURES

Advanced Remote Monitoring And Management With SNMP
Long Back Up With External Batteries
Easy Power Up With Paralleling
Galvanic Isolation Transformer
Special Input / Output Options

STANDARDS

EN 62040-1 Safety
EN 62040-2 EMC
EN 62040-3 LVD CE
ISO 9001:2008



SERVO-MATİK[®]
ELEKTRONİK SİSTEMLER SAN. ve TİC. LTD. ŞTİ.

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TECHNICAL SPECIFICATIONS

MODEL	NETPRO - 11H UNINTERUPPTED POWER SUPPLY						
POWER	1 KVA	2KVA	3KVA	6KVA	10KVA	15KVA	20KVA
INPUT							
Nominal Voltage	208V AC / 210V AC / 220V AC / 230V AC / 240V AC (Ph-N)						
Voltage Range	110-295V AC (%50 Load) / 160-260V AC (%100 Load)						
Nominal Frequency	50 Hz / 60 Hz						
Frequency Tolerance	± %10						
Input Power Factor	≥ 0,99						
Total Harmonic Distortion THDi	< %6						
OUTPUT							
Nominal Voltage	208V AC / 210V AC / 220V AC / 230V AC / 240V AC (Ph-N)						
Voltage Tolerance	± %1						
Nominal Frequency	50 Hz / 60 Hz						
Frequency Tolerance	%0,2 (Self Synchronize) - %2 (Mains Synchronize)						
Total Harmonic Distortion THDv	< %3 (Linear Load) < %5 (Nonlinear Load)						
Crest Factor	3:1						
Power Factor	0,8						
Output Waveform	Pure Sine						
Overload	%105-%150: 30 s, >%150: 100 ms						
STATIC BYPASS							
Input Voltage	208V AC / 210V AC / 220V AC / 230V AC / 240V AC (Ph-N)						
Transition Time	< 4 ms.						
Overload Capacity	%150						
BATTERY							
Pcs / Voltage	2 PCS 12 VDC	4 PCS 12 VDC	6 PCS 12 VDC	16 PCS 12 VDC			
Type	Full Maintenance Free Dry Type						
Charge Current / Temperature Adj.Charge	Selectable / Microprocessor and Smart Sensor Control						
GENERAL							
Operation Technology	On-Line Double Conversion						
Display	LCD / LED						
Control	SPWM Controlled IGBT Rectifier & Inverter						
Efficiency	Up to %93						
Paralleling & Redundancy Feature	Optional						
Protection	Overload, Over Temperature, Output Short Circuit						
COMMUNICATION							
Advanced Communication	RS232, Dry Contacts, SNMP , USB,(optional)						
Software	PC Software						
ENVIRONMENTAL PROPERTIES							
Operation Temperature	-10°C +50°C						
Relative Humidity	%0 ~ %95 (non-condensing)						
Altitude	≤ 3000 m						
Noise	≤55 dB						
Protection Class	IP20						
PHYSICAL							
Dimensions (W x D x H) mm	144 x 357 x 215	190 x 452 x 341	262 x 514 x 735	262 x 580 x 628			

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