



Engineer's Choice

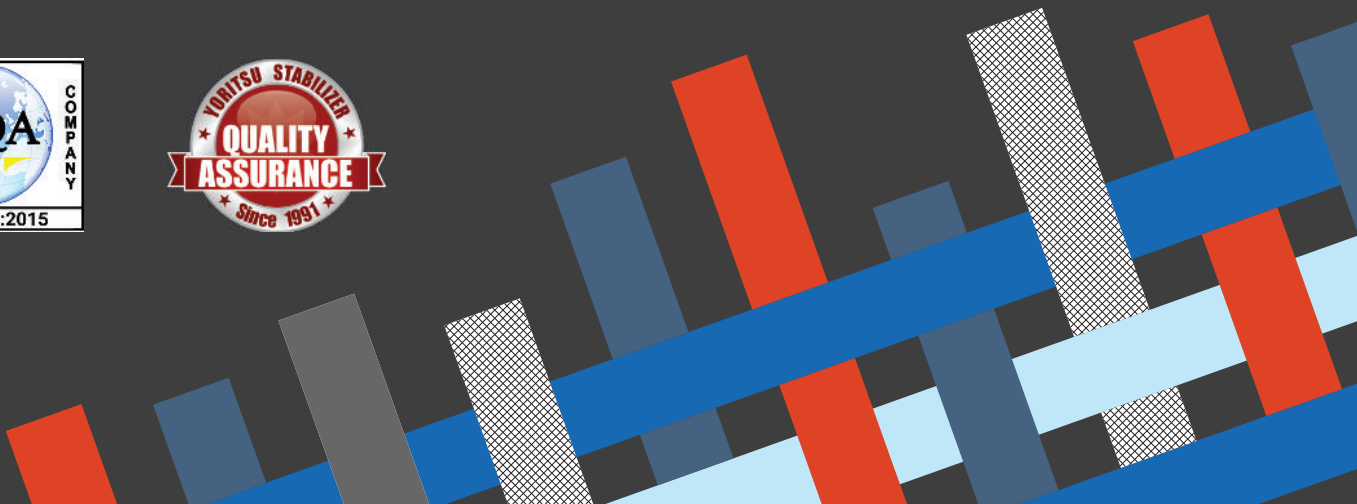


SMART STABILIZER Yoritsu MDX Series



Protect & Safe

Advance & Total Protection by Technology IRS™
(Intelligent Response Systems)





The Expert in Stabilizer



Stabilizer Yoritsu MDX-2 & MDX-3



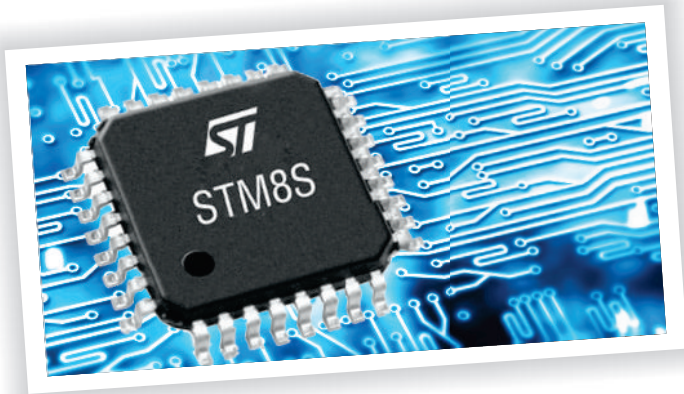
MDX-3

MDX-2

WHY YORITSU STABILIZER IS ALWAYS ENGINEERS' CHOICE ?

Berdiri sejak 1991. Setelah berhasil dengan Yoritsu Stabilizer Analog maka pada tahun 1997 Yoritsu mengembangkan Stabilizer Digital yaitu bekerja sama dengan SALICRU, SA Spanyol, manufacturer Stabilizer Digital terbaik di dunia.

Pada tahun 2019 Yoritsu Stabilizer memperkenalkan Smart Stabilizer MDX-Series dengan **Technology IRS™** (Intelligent Response Systems) pengoperasian "**Tanpa Operator**" sehingga memberikan Protect and Safe kepada konsumen. **Protect** adalah melindungi peralatan listrik konsumen sedangkan **Safe** adalah keamanan dan kenyamanan konsumen dengan minimalnya interaksi dengan unit stabilizer (less human interaction).



What's so special about IRS™ Technology ?

***IRS™** - Intelligent Response Systems adalah intelligent software diprogram kedalam processor STM 8 Core yang mengresponse dengan cepat dan akurat dengan memutuskan dan menyalakan stabilizer secara otomatis "**Tanpa Operator**" bila terjadi kondisi berikut :

- ◆ Over voltage output $\geq 242V$
- ◆ Under voltage output $\leq 170V$
- ◆ Temperature $\geq 95^{\circ}C$
- ◆ Over current $\geq 110\%$ load
- ◆ Starting protection : 170V - 240V

Keunggulan YORITSU Smart Stabilizer MDX-Series :

- 1. DC Servo Motor Tzukasa** - Strong torque, heavy duty, silent dan long lasting.
- 2. Technology IRS™ (Intelligent Response Systems)**
 1. Undervoltage Protection : Temporary Cut-Off & ON
 2. Overvoltage Protection : Temporary Cut-Off & ON
 3. Over temperature Protection : Temporary Cut-Off & ON
 4. Surge Protection : Temporary Cut-Off & ON
 5. Starting Protection : Temporary Cut-Off & ON
 6. Overload Protection-1 : Temporary Cut-Off & ON
 7. Overload Protection-2
 - Bila overload terjadi berturut-turut 3 kali selama 1 jam, maka **IRS™** akan melakukan Permanent CUT-OFF di MCB Stabilizer secara otomatis .
- 3. Protect and Safe** : Perlindungan terhadap alat-alat listrik dan keamanan konsumen.
- 4. Customer Satisfaction** : 90 hari jaminan uang kembali tanpa pertanyaan.
- 5. Quality Assurance**: Full Guarantee spare parts selama 1 Thn.

TANPA OPERATOR

Note : Selain 5 keunggulan yang tidak dimiliki oleh stabilizer merk lain, Yoritsu juga sangat memperhatikan Sumber Daya Manusia dan After Sales Service yang tercermin dibawah ini :

- 6. Certified Technician** - teknisi melalui training ketat yaitu perakitan, latihan pemasangan, classroom lecture, case study dan written test.
- 7. Spareparts** - 100 % ready stock.
- 8. Service** - 1 x 24jam untuk jabotabek, 2 x 24 jam untuk luar kota.
- 9. Quality Certification** - ISO 9001-2015.

“ **IRS™ akan memutuskan voltage dalam 5 detik dan otomatis menyalakan kembali “tanpa operator” bila voltage / temperature / beban sudah pada range normal.** ”

Key Feature

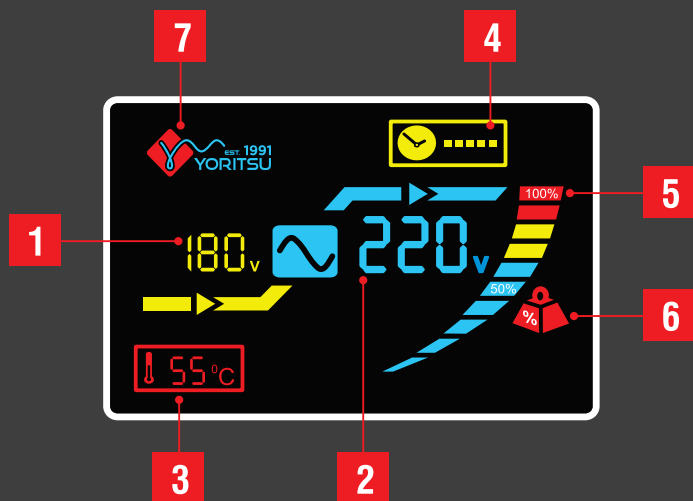
- Intelligent CPU centralized control technology by 16 MHz advanced STM 8 core with Harvard architecture and 3 stage pipeline.
- Genius LCD display shows all protection & functions.
- Trendy & modern desktop design.



Stabilizer Yoritsu MDX-5, MDX-7.5 & MDX-10

Genius LCD Digital Display

A front panel LCD display alerts you to a variety of stabilizer operating conditions. The easy-to-read interface provides more information than another generic model, allowing you to react to alerts before your systems are placed at risk.



- | | |
|---------------------|-------------------------|
| 1. Input Voltage | 5. Load Curve Indicator |
| 2. Output Voltage | 6. Overload Indication |
| 3. Temperature | 7. Brand logo "Yoritsu" |
| 4. Pending (Delay) | |

Applications

- Office Room, Meeting Room, Business Building
- Villa, Luxury House, Living Room, Dining Room, Kitchen
- Schools, University, Kindergarten
- Treadmill, Fitness Center, Game & Arcade Center
- Laboratory, Hospital, MRI Scan, CT Scan
- Lighting Equipment, Photographs Equipment
- Computer, Workstation, Server, Data Center
- Restaurant, Café, Mini mart, Supermarket, Mall Tenant
- Air Conditioning System, Chiller, Refrigerator, Cooler
- TV Broadcast Studio, Radio Studio, Recording Studio



Lab



Data Center



Medical



Telecom



Transportasi



Banking



Network



Retail

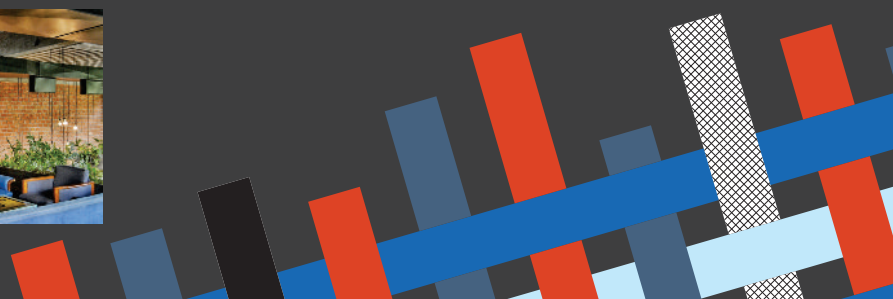
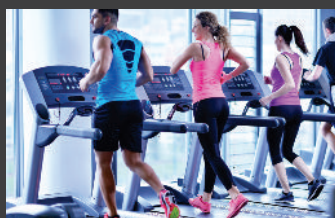
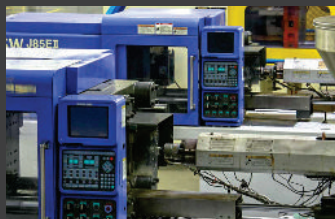


Security



Industrial

Yoritsu MDX Series suitable for :





Engineer's Choice

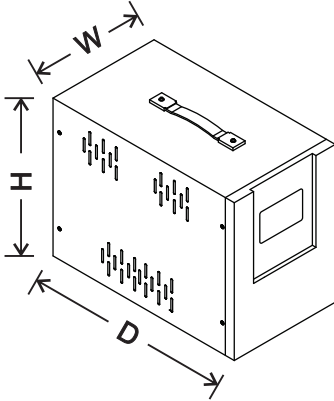
YORITSU MDX Series

SMART DIGITAL STABILIZER 2000 VA - 10.000 VA

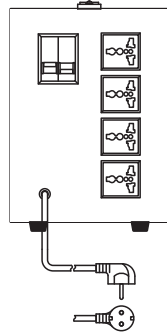
Technical Specification

Model	MDX-2	MDX-3	MDX-5	MDX-7.5	MDX-10
Input Voltage	150 - 240 V				
Output Voltage	220 V \pm 1 %				
Phase / Frequency	Single Phase / 45 - 60 Hz				
Response Time	Within 1 second against 10 % input voltage deviation.				
Efficiency	Better than 98 % (input voltage 180 V, output voltage 220 V and at rated load).				
Ambient Temperature	- 5 °C to +40 °C				
Ambient Humidity	Less than 90 % (relative humidity).				
Temperature Rise	Less than 75 °C (input voltage 180 V, output voltage 220 V and at rated load).				
Cooling System	Convention Cooled / Air Forced				
Control System	DC servo motor				
Dielectric Strength	3000 V for 1 min				

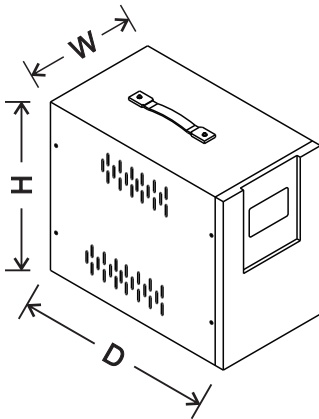
Model MDX-2



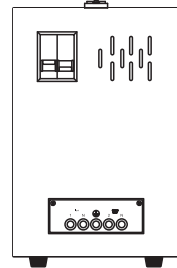
MDX-2S / MDX-3S Connection
Input, 2 pin Plugs
Output, Power Sockets



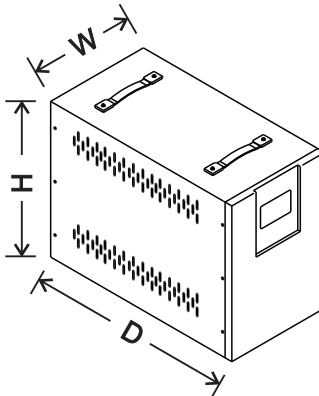
Model MDX-3, MDX-5



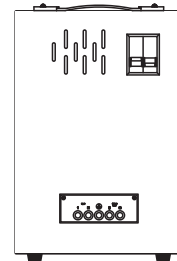
Connection
Input & Output Terminal



Model MDX-7.5, MDX-10



Connection
Input & Output Terminal



Range Products

Model	Capacity (VA)	Dimensions (D x W x H) mm	Weight (kg)
MDX-2 / MDX-2S	2000	305 x 170 x 240	12.46
MDX-3 / MDX-3S	3000	320 x 180 x 280	14.80
MDX-5	5000	410 x 190 x 310	22.88
MDX-7.5	7500	430 x 220 x 330	28.10
MDX-10	10.000	430 x 220 x 330	29.40

Technical Support by :



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