

YORITSU MDX Series

SMART **DIGITAL STABILIZER** 2000 VA - 10.000 VA

Technical Spesification

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				

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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Engineer's Choice



SMART STABILIZER Yoritsu MDX Series



3 YEARS
WARRANTY

Protect & Safe

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





Stabilizer Yoritsu MDX-2 & MDX-3



MDX-3

MDX-2

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 .

TANPA OPERATOR

- 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 3 Thn.

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

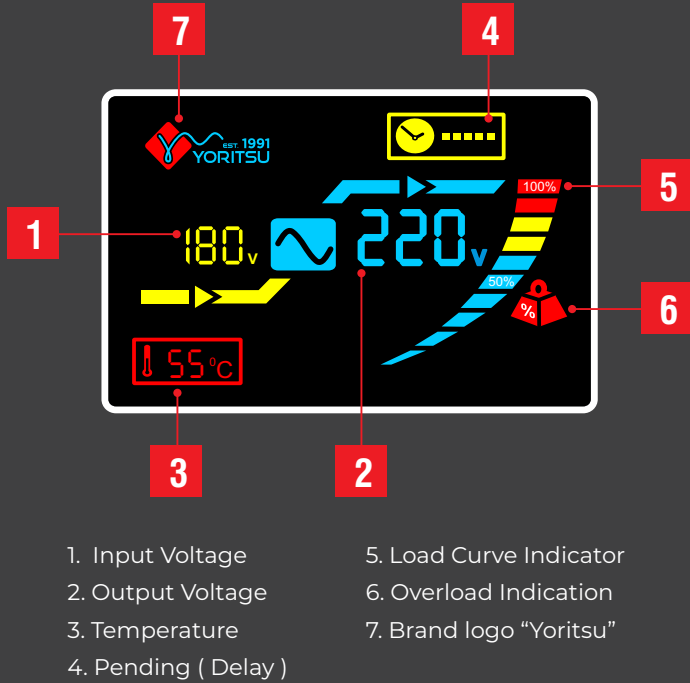
- Intelligent CPU centralized control technology by 16 MHz advanced STM 8 core with Harvard architecture and 3 stage pipeline.
- Genius LCD display shows all protection & functions.
- Trendy & modern desktop design.



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.



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



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

Yoritsu MDX Series suitable for :

