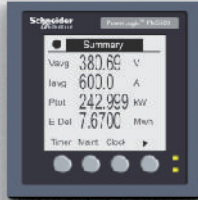
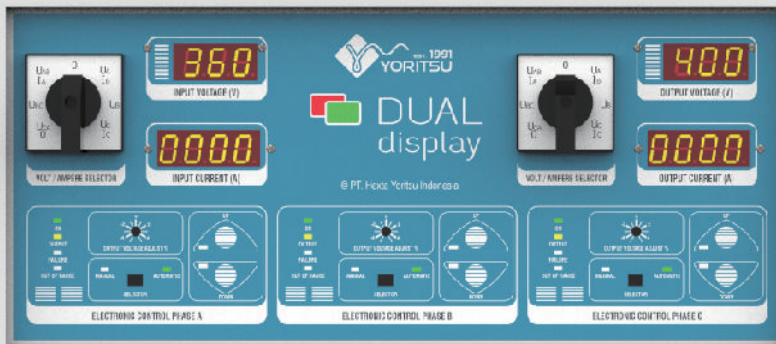
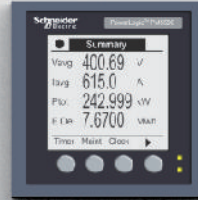


INPUT



OUTPUT



From 200 kVA
upto 3000 kVA

Sophisticated Digital
Dual Display Control

High Efficiency
> 98%

Over Voltage Protection
Automatic Cut-Off

Remotely Monitoring
Power System (optional)

AMBIENT TEMP.

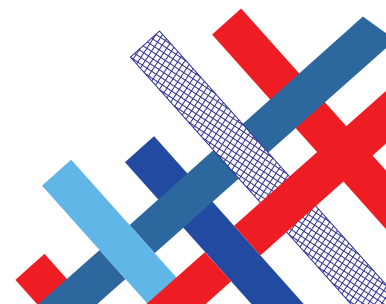


BOOSTER TEMP.



YORITSU TDI SERIES STABILIZER

for Industrial Power Systems



SINCE 1991 STABILIZER IS WE DO.

Selamat datang di pengalaman membeli stabilizer baru, lompatan ke depan dalam kekuatan industri. Dengan 33 tahun keahlian teknik di belakang kami, stabilizer TDI Series tipe baru dirancang untuk persiapan masa depan — untuk bertahan selama beberapa dekade. Mulai dari **200 kVA hingga 3000 kVA**, jajaran Industrial Stabilizer baru ini sangat cocok untuk semua aplikasi industri, memberikan lebih baik stabilisasi voltage dengan dimensi yang lebih kecil dari sebelumnya.

Ketika Anda membutuhkan **voltage stabilizer** yang memenuhi kebutuhan spesifik Anda, hubungi kami. Dengan pengetahuan khusus dan proses produksi yang cekatan, kami akan mewujudkannya.



KEY FEATURES

- Digital visualization of the output voltage.
- CNC winding machines to ensure consistency in precision and tension strength.
- Adjustable PCB electronic output with accuracy 1%, 2%, 3%, 4%.
- High reliability / MTTR.
- A heavy duty high speed low noise AC servo motor.
- Robust constructions, admitting over-loads up to 1000% the nominal.
- Stable & accurate output voltage.
- High efficiency > 98%, which means less maintenance cost.
- Include Protection: Under / Over voltage Alarm & Cut-off.
- Include Protection: Phase Failure Cut-off.
- Include Protection: Over Temperature Alarm & Cut-off.
- Alarm Tower Light for local indication status.
- Temperature Controller
- **Optional** Monitoring System for Stabilizer status in local or remote location with Digital Power Meter.
- **Optional** Surge Arrester.

BUILDING CHARACTERISTIC

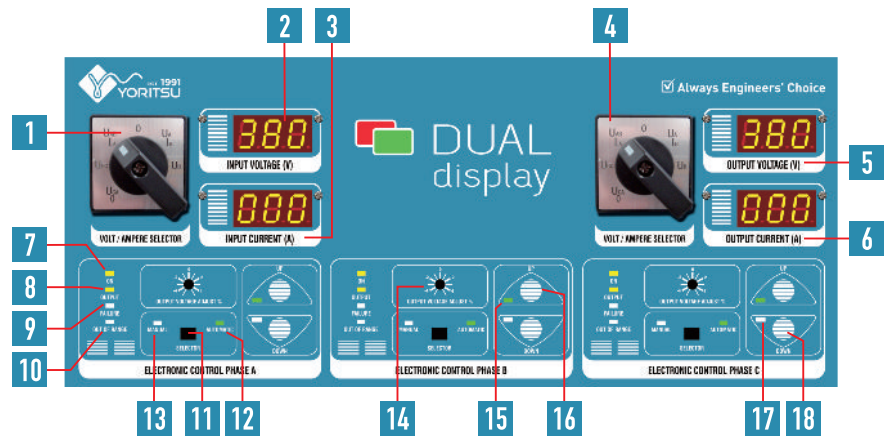
- Insulasi Class E untuk temperature max 75°C dengan ambient temperatur max 40°C.
- Core terbuat dari kern (Grain Oriented Silicon Steel) dengan rugi besi yang rendah. Type M4 (JAPAN). Ketebalan 0,27mm.
- Kern dianelling pada 750° - 800°C dalam 12 jam.
- AC / DC Servo Motor (Ex Japan) dengan kecepatan tinggi dan tidak berisik.
- Gulungan terbuat dari tembaga dengan jaminan bahwa tembaga tersebut berkualitas tinggi. Thermal standard 180°C.
- Cetakan piringan bakelite yang terdiri dari slot-slot membantu mesin gulung CNC mencapai presisi yang sangat sempurna.



YORITSU DIGITAL DUAL DISPLAY CONTROLS

Stabilizer Yoritsu TDI Series dilengkapi dengan **Dual Selector Switch** untuk memantau output setiap fasa. Ia memberikan kemudahan saat prosedur maintenance dan pengawasan bagi staff teknisi.

Tampilan **Dual Digital Display** pada panel depan yang sangat terpadu dan fokus menunjukkan tegangan output dan alarm (tegangan output min / max dan tegangan listrik yang berlebihan). Angka pada nilai digital LED memberikan tampilan yang besar dan jelas sehingga memudahkan dalam memantau kinerja dari stabilizer listrik Yoritsu.



- | | |
|---|---------------------------------|
| 1. Volt/Ampere selector switch (Input) | 10. Out of range led |
| 2. Input volt meter | 11. Auto/Manual Selector Switch |
| 3. Input ampere meter | 12. Automatic Led |
| 4. Volt/Ampere selector switch (Output) | 13. Manual Led |
| 5. Output volt meter | 14. Adjustable Output Volt |
| 6. Output ampere meter | 15. Up Led |
| 7. ON led | 16. Up Push Button |
| 8. Output led | 17. Down Led |
| 9. Failure led | 18. Down Push Button |

REMOTELY MONITORING STABILIZER CONDITION (optional)

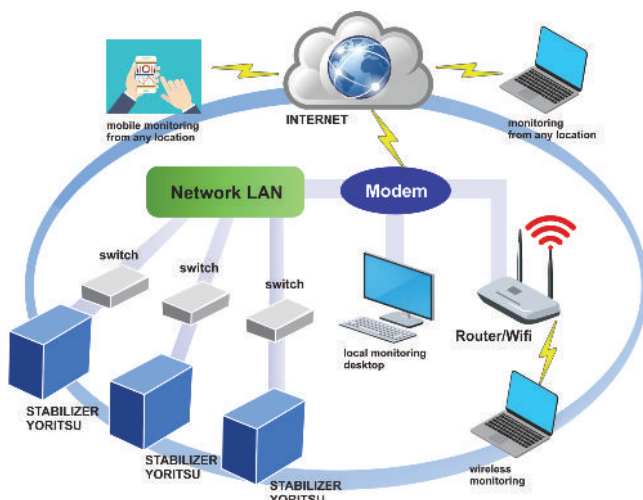
Yoritsu Stabilizer TDI Series (300-3000KVA) dilengkapi dengan **REMOTE MONITORING SYSTEM**. System Monitoring ini dilengkapi fitur **Modbus TCP/IP Protocol** sehingga status input dan output stabilizer bisa dipantau melalui PC via jaringan komputer (**Ethernet** connection dengan RJ45 cable atau wireless/hotspot).

Status Yoritsu Stabilizer bisa di pantau lewat **internet** melalui modem ISP, dengan demikian monitoring stabilizer bisa di lakukan oleh kantor pusat atau luar negeri bahkan dimanapun Anda berada.

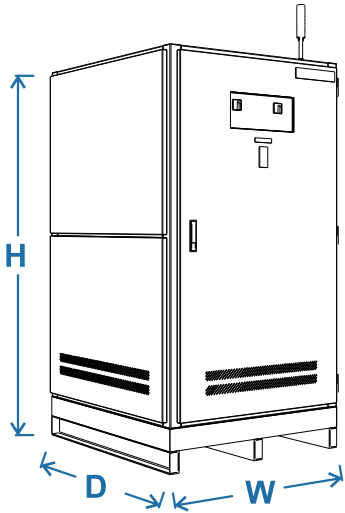
System Monitoring pada Yoritsu TDI Series lengkap menunjukkan data-data kelistrikan sbb :

- Arus (total, fasa dan netral)
- Tegangan (total, ph-ph dan ph-netral)
- Frekuensi
- Harmonic Arus (THDi)
- Alarm notification by e-mail
- Diagnostic via predefined web pages
- Real time viewing of data

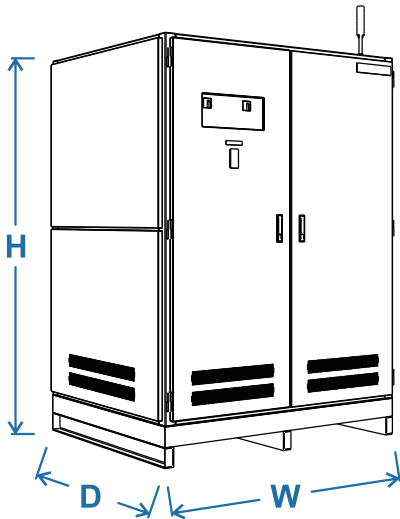
DIGITAL POWER METER (optional)



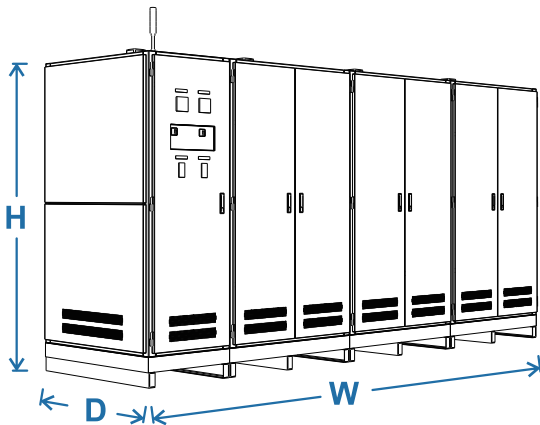
Cabinet of 200KVA ~ 350KVA



Cabinet of 400 KVA ~ 1000 KVA



Cabinet of 1600 KVA ~ 3000 KVA



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TECHNICAL SPESIFICATIONS

Model	200 KVA upto 3000 KVA
Input Voltage	310 - 415 V
Output Voltage	380 / 400 V \pm 1 %
Phase / Frequency	Three 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 180V, output voltage 220V and at rated load)
Cooling System	Convention Cooled / Air Forced
Control System	Heavy Duty, DC servo motor, made in Japan
Dielectric Strength	3000 V for 1 min
Installation	Indoor
Coating Color	RAL 7032
Protection Degree	IP 21
Instrumentation	Yoritsu Digital Dual Display & Remote Monitoring System (optional)
Communication System	MODBUS TCP/IP Ethernet Connection (optional)

RANGE PRODUCTS

Model	Capacity (KVA)	Dimension D x W x H (mm)	Weight (Kg)
TDI 200	200	770 x 950 x 1900	638
TDI 250	250	770 x 950 x 1900	677
TDI 300	300	1100 x 1000 x 1900	837
TDI 350	350	1100 x 1000 x 1900	943
TDI 400	400	1100 x 1300 x 1800	1149
TDI 500	500	1200 x 1500 x 2100	1391
TDI 630	630	1200 x 1900 x 2200	1696
TDI 800	800	1200 x 1900 x 2200	2048
TDI 1000	1000	1500 x 1900 x 2200	2332
TDI 1250	1250	1200 x 4300 X 2200	2500
TDI 1600	1600	1200 x 4300 x 2200	2800
TDI 2000	2000	1200 x 4900 x 2350	3200
TDI 2500	2500	1200 x 4900 x 2350	3700
TDI 3000	3000	1200 x 4900 x 2350	4200