THE ENERGY DOCTOR®
TED
ELECTRIC

**Ted Electric**
Holland, City: Wassenaar, Dr. Mansveltkade Street 48
Postal code: 2242XM
www.tedelectric.eu
0031 6 1988 6240

# Servomotor Singlephase Voltage Stabilizer 20kVA

- Single phase servomotor technology.
- Pure sine wave output.
- Wide AC input voltage range 140-300V.
- Isolated manual bypass switch.
- Full Protection: over / under voltage, overload, overheat, buzzer alarm.
- Output connection: Terminal block.
- LCD display: input / output voltage, load current, possible errors and more.
- Delay time: 6 seconds.
- 4 wheels for easy trasnportation.




| Specifications | | | |
|---|---|---|---|
| **Model** | TED 15KSVC | TED 20KSVC | TED 30KSVC |
| **Power** | 12kW | 16kW | 24 kW |
| **Input** | | | |
| **Voltage / Frequency Range** | 140V - 300V AC / 50Hz - 60Hz | | |
| **Input Connection** | Terminal Block | | |
| **Efficiency** | 98% | | |
| **Output** | | | |
| **Voltage / Frequency Range** | 230V AC / 50Hz | | |
| **Output Receptacle** | Terminal Block | | |
| **Response Time** | < 1 second | | |
| **Waveform / Power Factor** | Pure Sine Wave / 0.8 | | |
| **Overload Capability** | 180 seconds 120% / 30 seconds 150% / 10 seconds 200% / 5 seconds 300% | | |
| **Precision** | 3% | | |
| **General Characteristics** | | | |
| **Protection** | Over voltage / Under voltage / Overload / Overheat | | |
| **Ingress Protection** | IP20 | | |
| **Insulation Voltage** | 1500V / 60 seconds | | |
| **Resistance** | >5mOhms | | |
| **Noise level** | <53dB at 1m distance with full load | | |
| **Dimensions DxWxH** | 450 x 300 x 570 mm | 450 x 300 x 570 mm | 480 x 300 x 640 mm |
| **Net Weight** | 49 kg | 58 kg | 74 kg |
| **Operating Humidity** | 10-102% non-condensing | | |
| **Operating Temperature** | 0°C ~ + 40°C | | |

Due to continuous product improvements, program specifications are subject to change without notice