

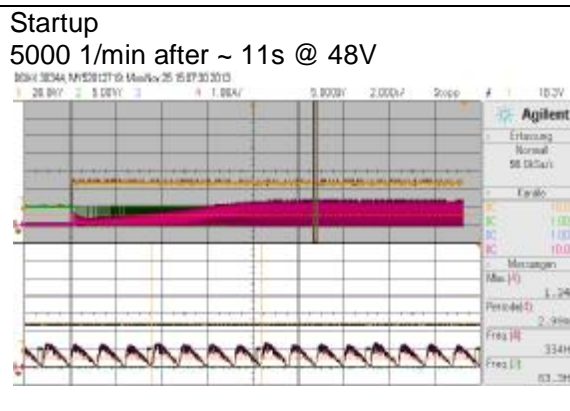
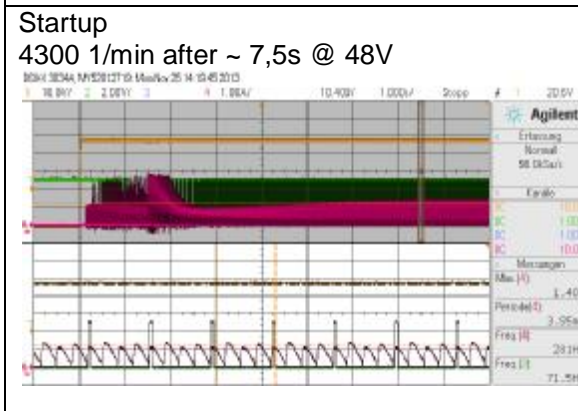
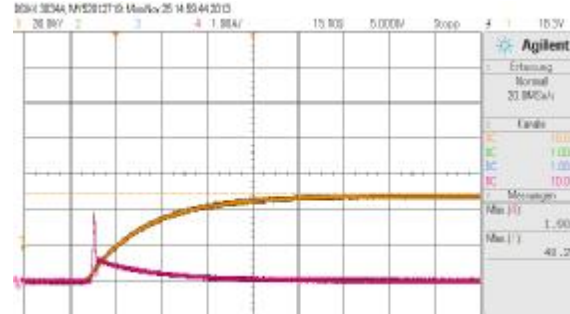
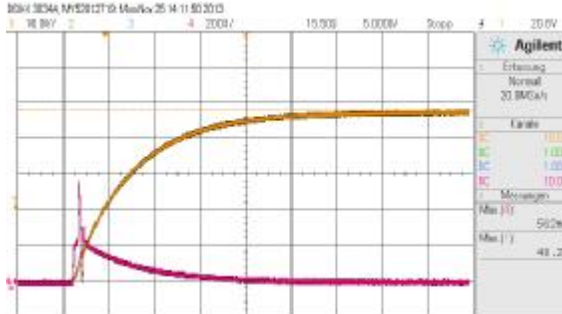


| | DV6248 | 6318H |
|---|--|---|
| Technische Daten / technical data | DV6248 | 6318H |
| Nennspannung / <i>Nominal Voltage</i> | 48V | 48V |
| Spannungsbereich / <i>Voltage Range</i> | 28...60V | 36...72V |
| Nennzahl / <i>Nominal Speed</i> | 4300 1/min | 5000 1/min |
| Drehzahlbereich / <i>Speed Range</i> | 2750 ... 4710 1/min | ~4200 ... 5000 1/min |
| Volumenstrom / <i>Air Flow</i> | 540 m ³ /h | 545 m ³ /h |
| Sollwerteingang / <i>Speed Control Input</i> | Keinen / <i>None</i> | Keinen / <i>None</i> |
| Signaloutput / <i>Signal Output</i> | Keinen / <i>None</i> | Keinen / <i>None</i> |
| Anlaufstrom / <i>Start-up Current</i> | 3,5 A peak | 1,5 A peak |
| Blockierschutz / <i>Locked Rotor Protection</i> | El. Wiederanl. / <i>el. restart</i> 1,4s / 5,3s | el. Wiederanl. / <i>el. restart</i> 0,5s / 10,0s |
| Leistungsaufnahme / <i>Power Consumption</i> | 40W @ 48V | 32W @ 48V |
| Geräusch / <i>Noise (Schalldruck)</i> | 63,0dB(A) | 58,0dB(A) |
| Schalleistung / <i>Sound Power</i> | 7,1 bel(A) | 6,9 bel(A) |
| Zulässige Umgebungstemperatur / <i>Temperature Range</i> | -20 ... 75°C | -20 ... + 65°C |
| Lebensdauererwartung / <i>Life expectancy</i> L10 @ 40°C | 90.000 h | 77.500 h |
| Lebensdauererwartung / <i>Life expectancy</i> L10 @ max. Temp. | 40.000 h | 42.500 h |
| Lagersystem / <i>Bearing System</i> | Kugellager / <i>Ball bearing</i> | Kugellager / <i>Ball bearing</i> |
| Masse / <i>Mass</i> | 0,820kg | 0,825kg |
| Besonderheiten / <i>Specials</i> | | |

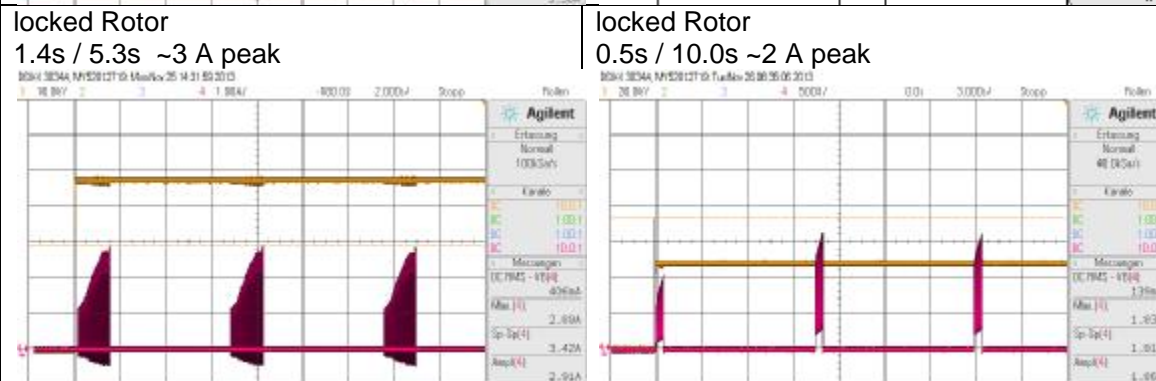
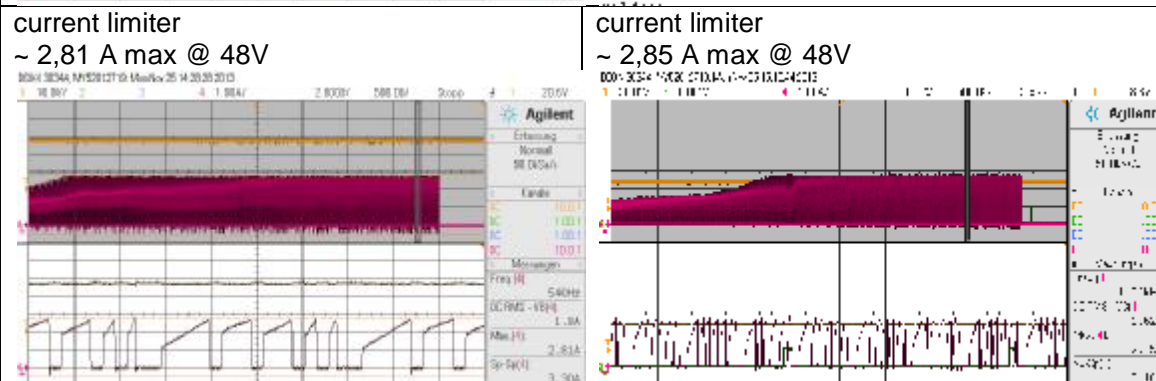
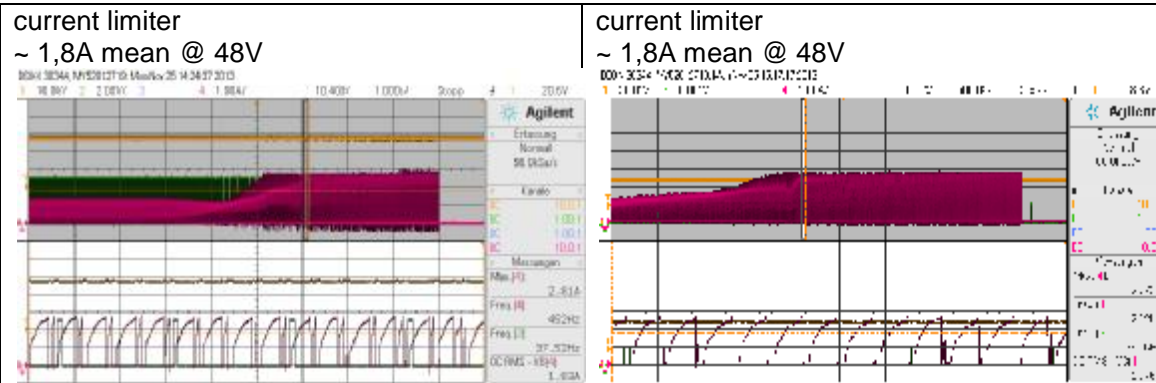
| | |
|--------------------------------|-------------------------------|
| Old fan - DV6248 9295414503 | New fan - 6318H 9695480224 |
|--------------------------------|-------------------------------|

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| <p>Inrush - hotplug (10.000µF @ power supply)</p> <p>The internal electrolytic capacitor 39uF/100V has no resistor or inrush current limitation, essentially the power supply and the type and length of the connecting cable is limiting the Inrush current.</p> | <p>Inrush - hotplug (10.000µF @ power supply)</p> <p>100µF Capacitor on PCB Inrush 4 A To note inrush current @ U nom: The internal electrolytic capacitor 100uF/100V has an inrush current limitation. The existing peak depends on several ceramic capacitors.</p> |
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| <p>Switching on a power supply TDK-Lambda GEN80-19</p> <p>CH4 Inrush ~ 600 mA @ 48V CH1 Ub Fan 39µF Capacitor on PCB</p> | <p>Switching on a power supply TDK-Lambda GEN80-19</p> <p>CH4 Inrush ~ 2 A @ 48V CH1 Ub Fan 100µF Capacitor on PCB</p> |
|--|--|



DV6248 - 9295414503 Ablöse durch 6318/H
 25.11.2013 - 015MH / 18.11.2014 - 015/Wos



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|------------|------------|------------|------------|------------|--------|
| 28V | 48V | 60V | 36V | 48V | 72V |
| 550 mA | 862mA | 1020mA | 850mA | 1180mA | 830 mA |
| 2630 1/min | 4125 1/min | 4750 1/min | 4020 1/min | 4970 1/min | 5000 |

