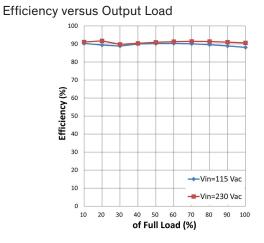
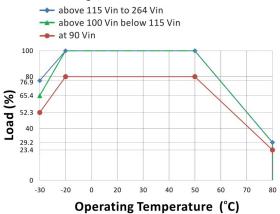
Characteristic Curves

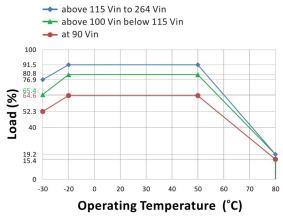
TCI 130-112-J



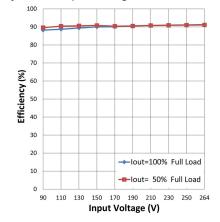
Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)



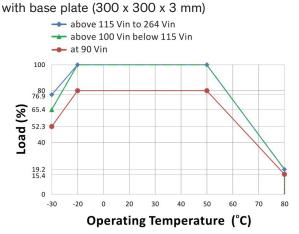
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



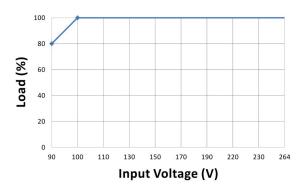
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling



Derating Load versus Input Voltage

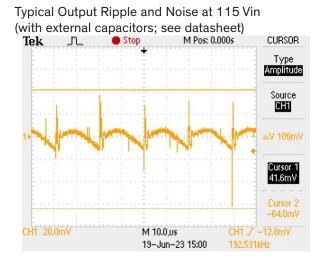


All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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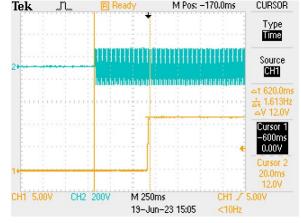
TCI 130 Series

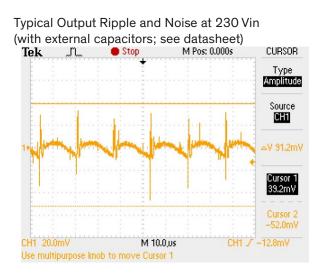
TCI 130-112-J



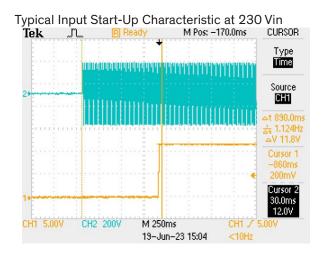




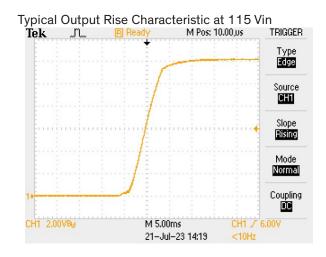




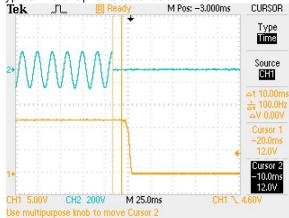
Transient Response (75% load step) at 230 Vin Tek 1 Stop M Post -1.000ms CURSOR Type Type Source CHI Cursor 1 116mV Cursor 2 -120mV Use multipurpose knob to move Cursor 2

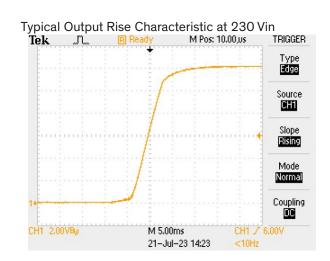


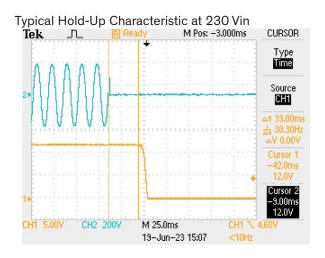
TCI 130-112-J



Typical Hold-Up Characteristic at 115 Vin

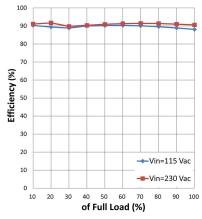




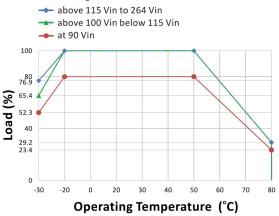


On demand 12 Vout model with U-Bracket

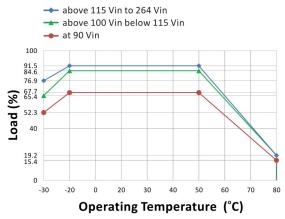
Efficiency versus Output Load



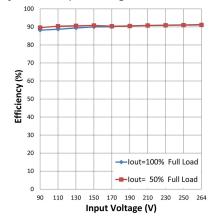
Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)



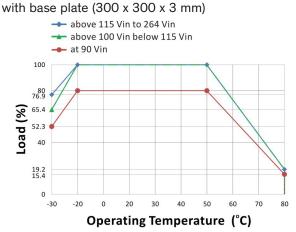
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



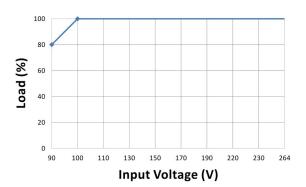
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling

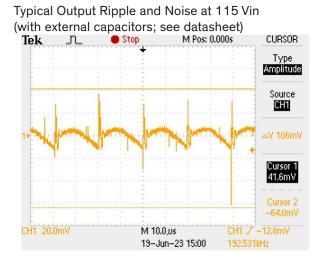


Derating Load versus Input Voltage



TCI 130 Series

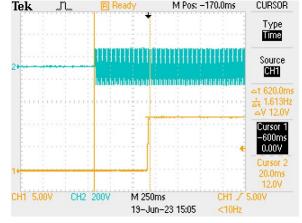
On demand 12 Vout model with U-Bracket

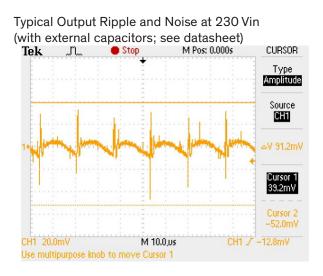


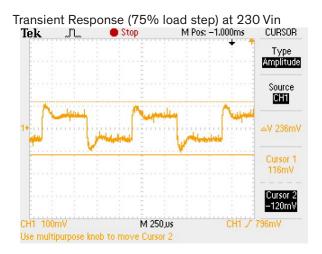
Transient Response (75% load step) at 115 Vin

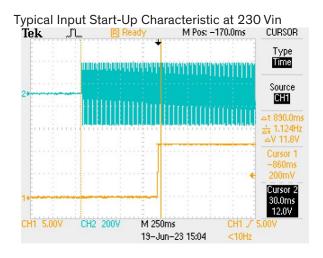






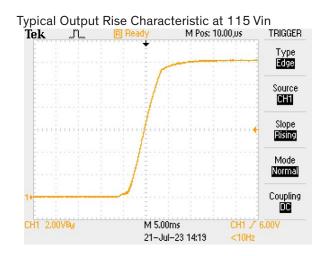




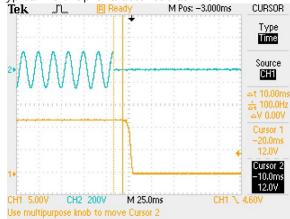


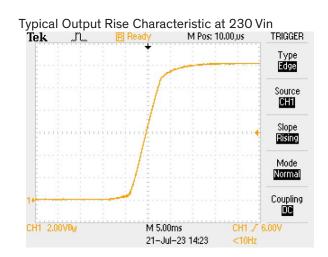
TCI 130 Series

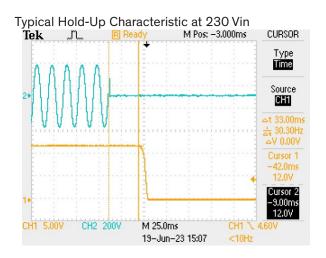
On demand 12 Vout model with U-Bracket



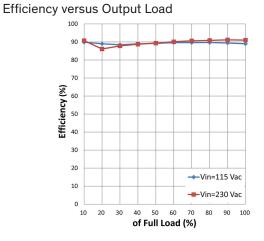
Typical Hold-Up Characteristic at 115 Vin



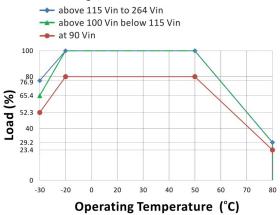




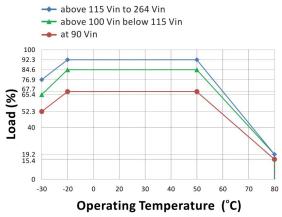
TCI 130-124-J



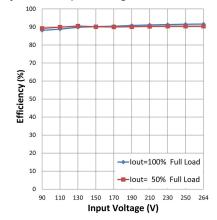
Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)



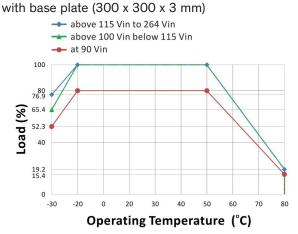
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



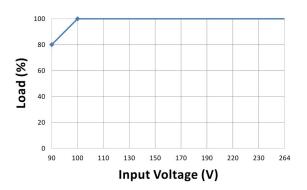
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling



Derating Load versus Input Voltage

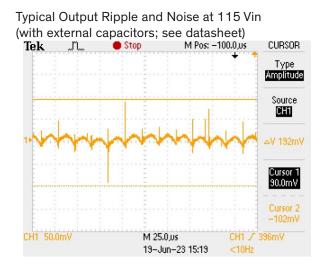


All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

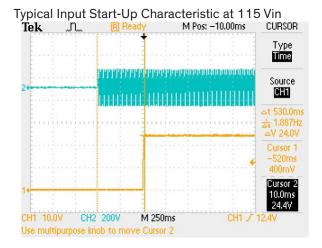
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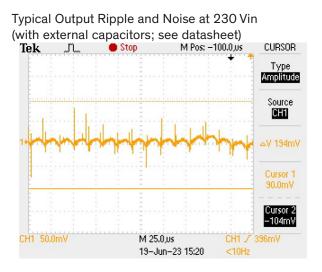
TCI 130 Series

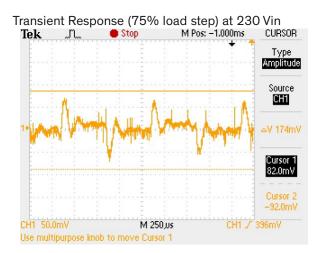
TCI 130-124-J

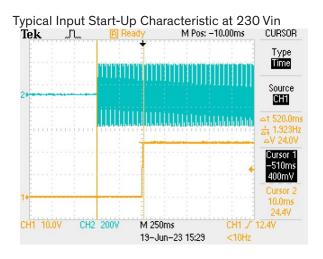


Transient Response (75% load step) at 115 Vin CURSOR M Pos: -1.000ms Tek ..n.. Stop Туре Amplitude Source CH1 ⊳V 162mV Cursor 1 82.0mV Cursor 2 -80.0mV CH1 50.0mV M 250,0s 19-Jun-23 15:23 <10Hz

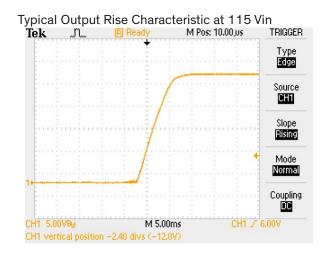




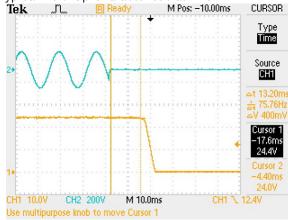


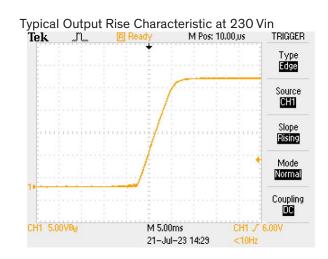


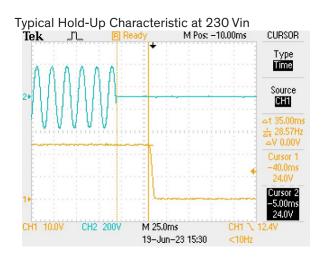
TCI 130-124-J



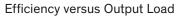
Typical Hold-Up Characteristic at 115 Vin

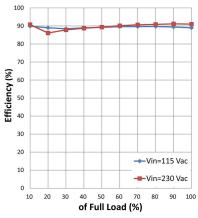




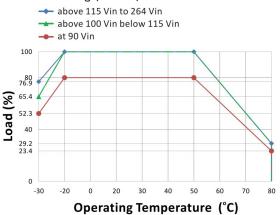


On demand 24 Vout model with U-Bracket

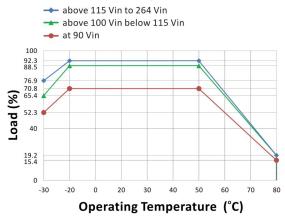




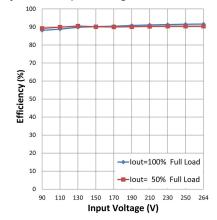
Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)



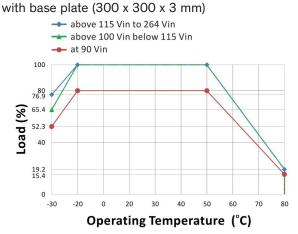
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



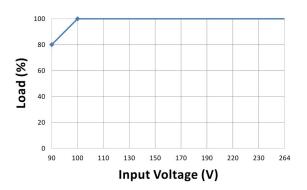
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling

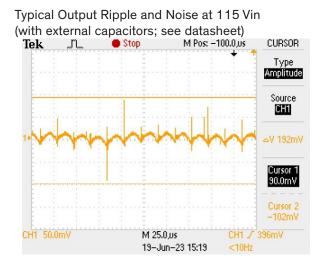


Derating Load versus Input Voltage



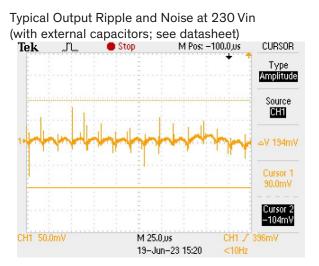
TCI 130 Series

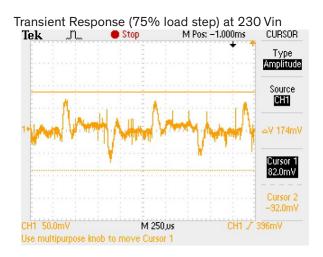
On demand 24 Vout model with U-Bracket



Transient Response (75% load step) at 115 Vin CURSOR M Pos: -1.000ms Tek ..n.. Stop Туре Amplitude Source CH1 ⊳V 162mV Cursor 1 82.0mV Cursor 2 -80.0mV CH1 50.0mV M 250,0s 19-Jun-23 15:23 <10Hz

Typical Input Start-Up Characteristic at 115 Vin CURSOR M Pos: -10.00ms Tek _n_ Type Time Source CH1 ± 1.887Hz ≤V 24.0V Cursor 1 400mV Cursor 2 10.0ms 24.4V CH1 10.0V CH2 200V CH1 / 12.4 M 250ms Use multipurpose knob to move Cursor 2

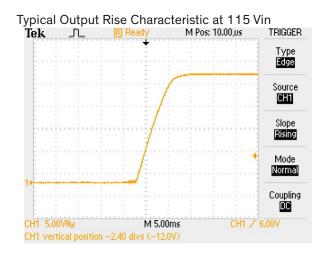




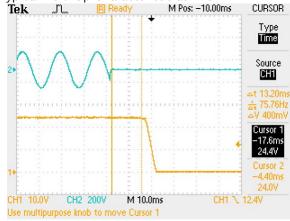
Typical Input Start-Up Characteristic at 230 Vin Tek IL Ready M Post -10.00ms CURSOR Type Source CHI at 520.0ms at 1.323Hz aV 24.0V Cursor 1 -510ms 400mV Cursor 2 10.0ms 24.4V CHI 10.0V CH2 200V M 250ms CHI / 12.4V 19-Jun-23 15:29 <10Hz

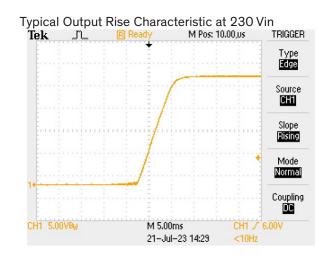
TCI 130 Series

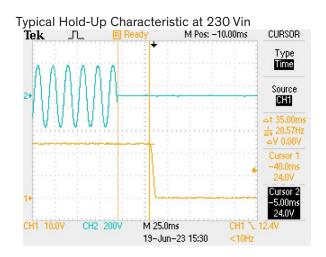
On demand 24 Vout model with U-Bracket



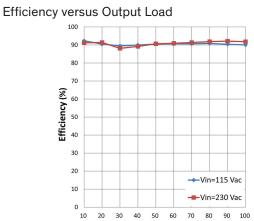
Typical Hold-Up Characteristic at 115 Vin





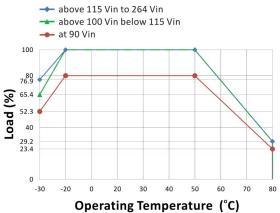


TCI 130-148-J

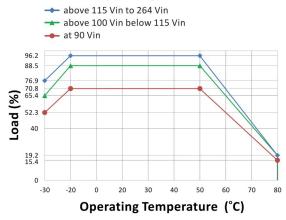


Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)

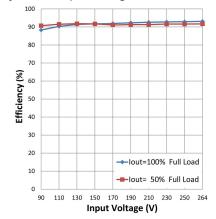
of Full Load (%)



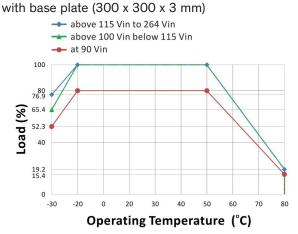
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



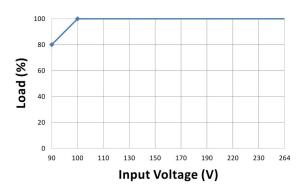
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling

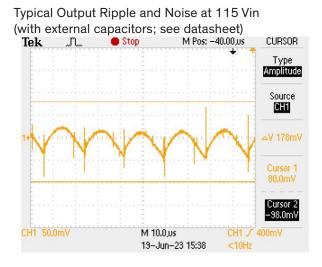


Derating Load versus Input Voltage



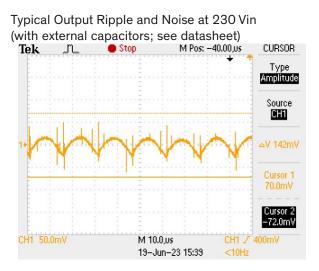
TCI 130 Series

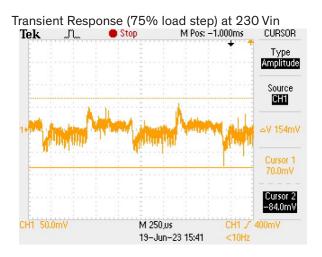
TCI 130-148-J

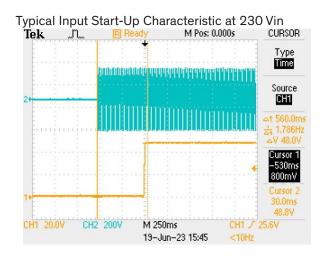




Typical Input Start-Up Characteristic at 115 Vin M Pos: -10.00ms CURSOR Tek ..n.. Type Time Source CH1 ≟ 1.667Hz ≏V 48.0V Cursor 1 Cursor 2 20.0ms 48.8V CH1 20.0V CH2 200V M 250ms 19-Jun-23 15:44 <10Hz

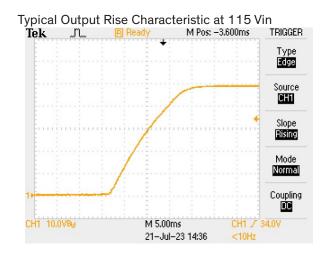




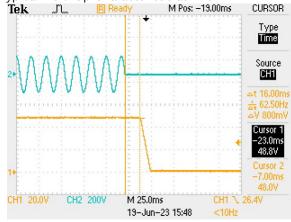


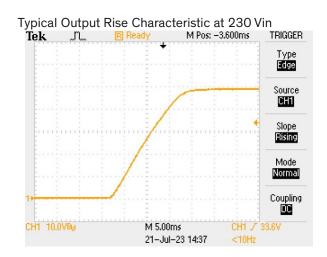
TCI 130 Series

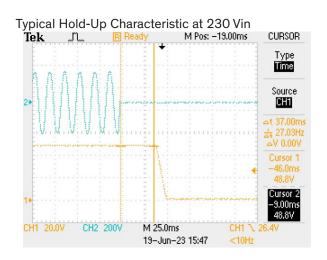
TCI 130-148-J



Typical Hold-Up Characteristic at 115 Vin

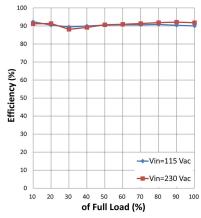




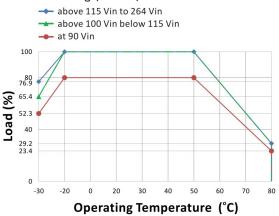


On demand 48 Vout model with U-Bracket

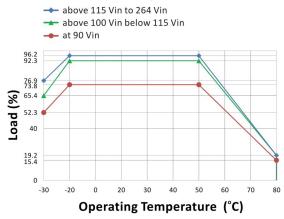
Efficiency versus Output Load



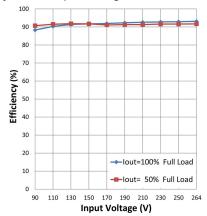
Derating Output Load versus Ambient Temperature Forced air cooling (8 CFM)



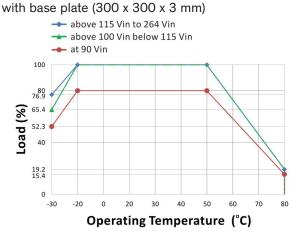
Derating Output Load versus Ambient Temperature Natural convection (20 LFM)



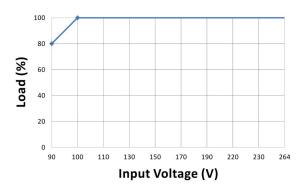
Efficiency versus Input Voltage



Derating Output Load versus Ambient Temperature Conduction cooling

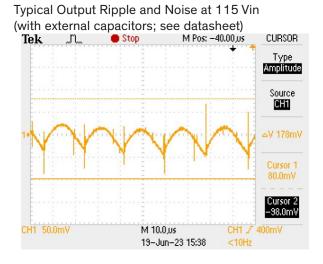


Derating Load versus Input Voltage



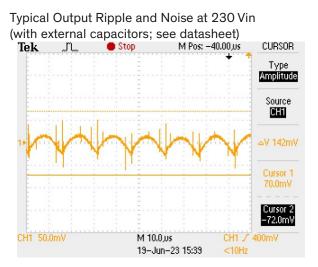
TCI 130 Series

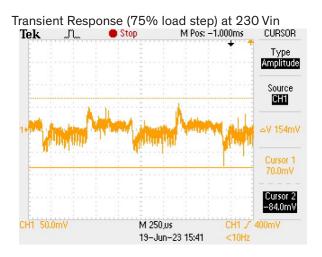
On demand 48 Vout model with U-Bracket

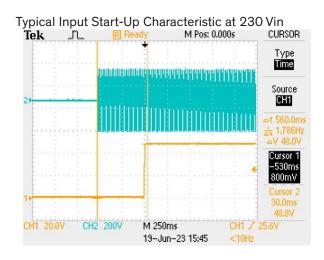




Typical Input Start-Up Characteristic at 115 Vin M Pos: -10.00ms CURSOR Tek ..n. Type Time Source CH1 ± 1.667Hz ≤V 48.0V Cursor 1 Cursor 2 20.0ms 48.8V CH2 200V M 250ms 19-Jun-23 15:44 <10Hz

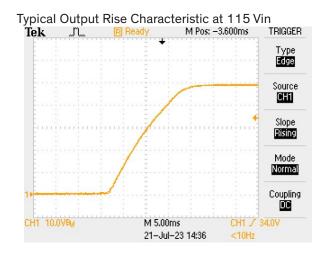




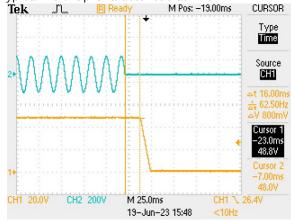


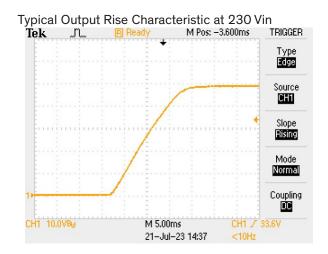
TCI 130 Series

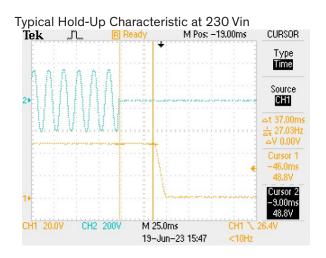
On demand 48 Vout model with U-Bracket



Typical Hold-Up Characteristic at 115 Vin







All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

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Specifications can be changed without notice!

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