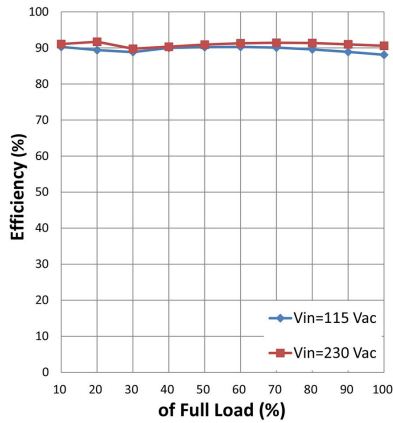


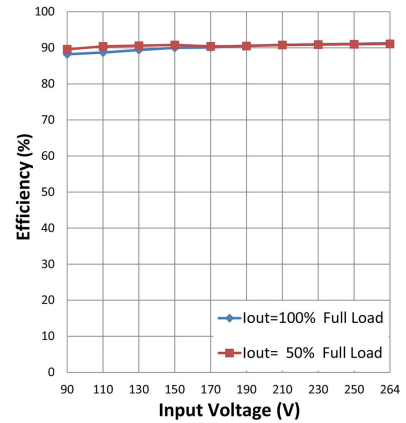
Characteristic Curves

TCI 240-112-J On demand 12 Vout model with U-Bracket

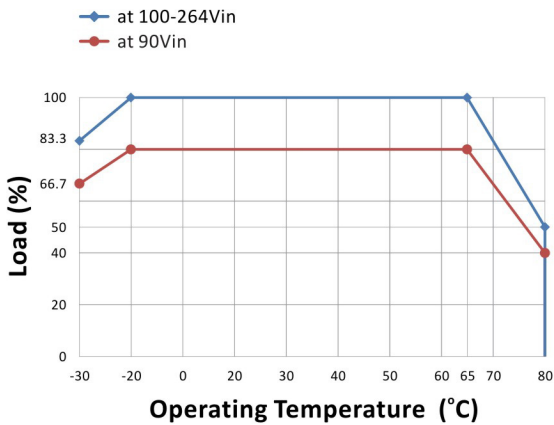
Efficiency versus Output Load



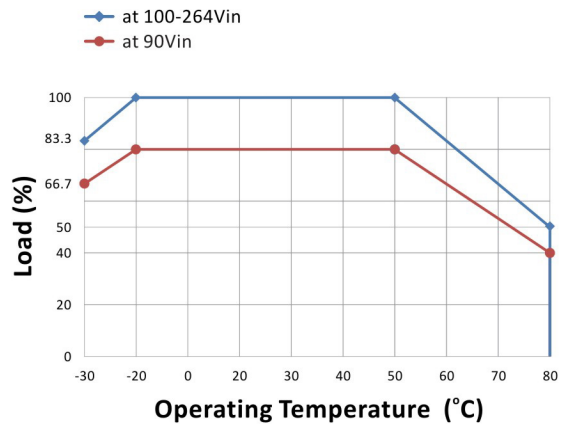
Efficiency versus Input Voltage



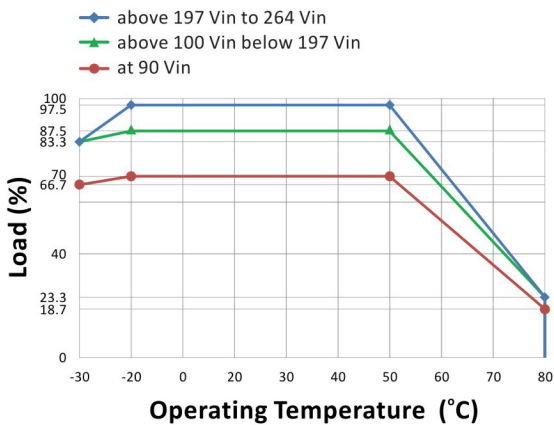
Derating Output Load versus Ambient Temperature
Forced air cooling (8 CFM)



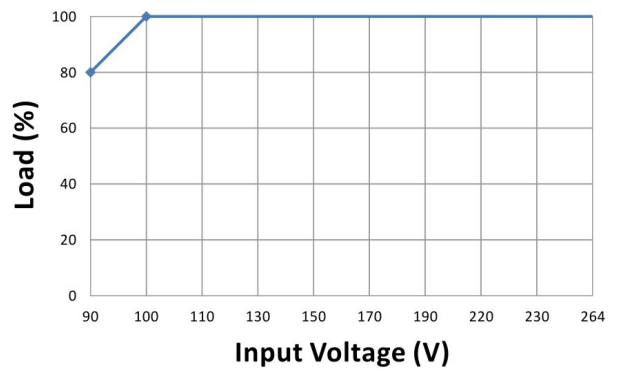
Derating Output Load versus Ambient Temperature
Conduction cooling
with base plate (300 x 300 x 3 mm)



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



Derating Load versus Input Voltage



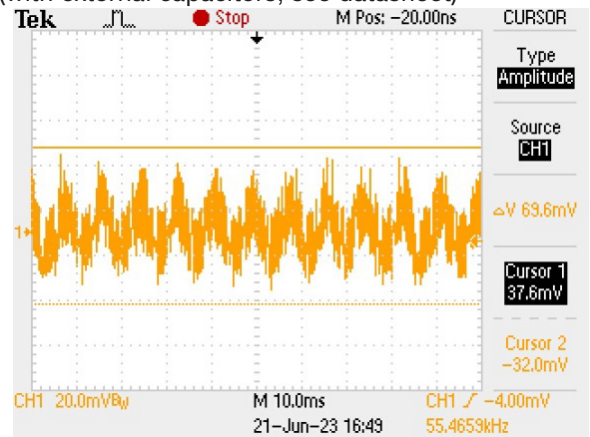
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TCI 240-112-J On demand 12 Vout model with U-Bracket

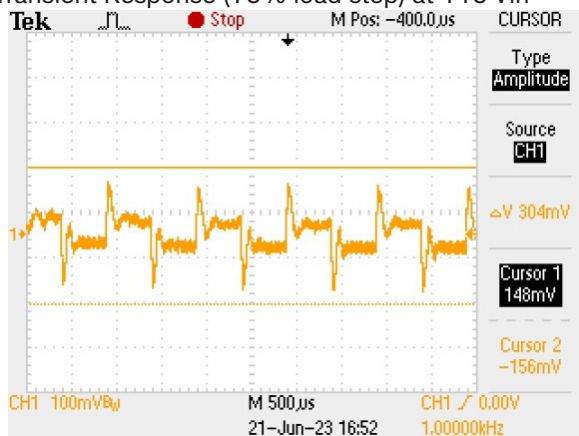
Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)



Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)



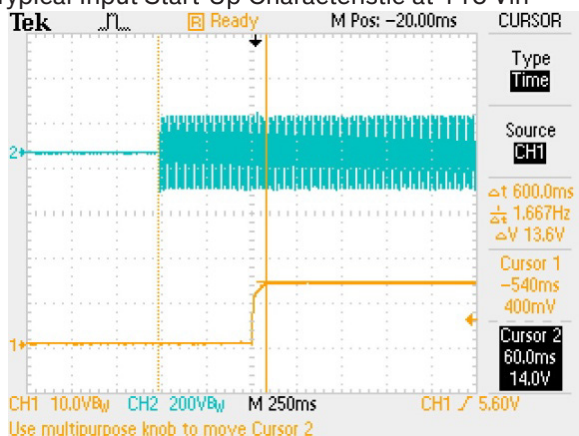
Transient Response (75% load step) at 115 Vin



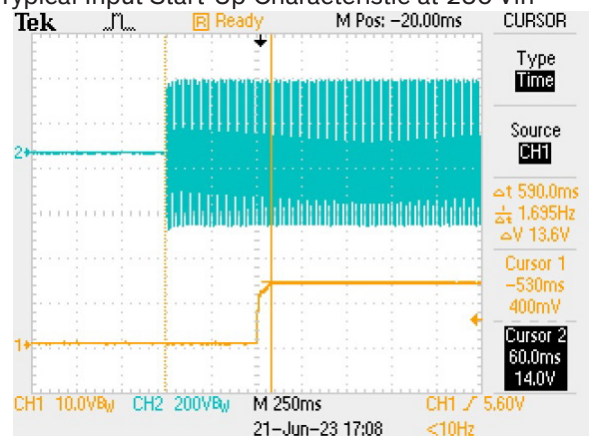
Transient Response (75% load step) at 230 Vin



Typical Input Start-Up Characteristic at 115 Vin



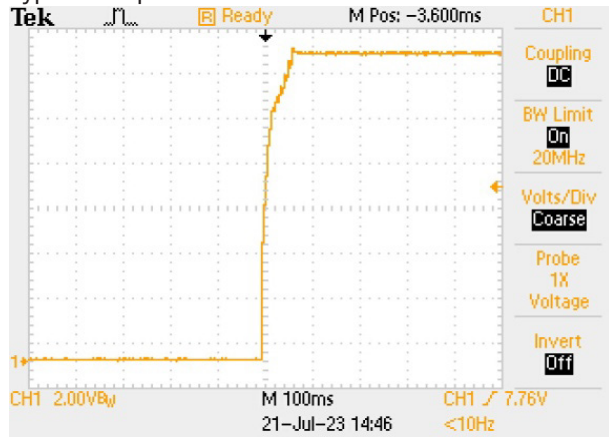
Typical Input Start-Up Characteristic at 230 Vin



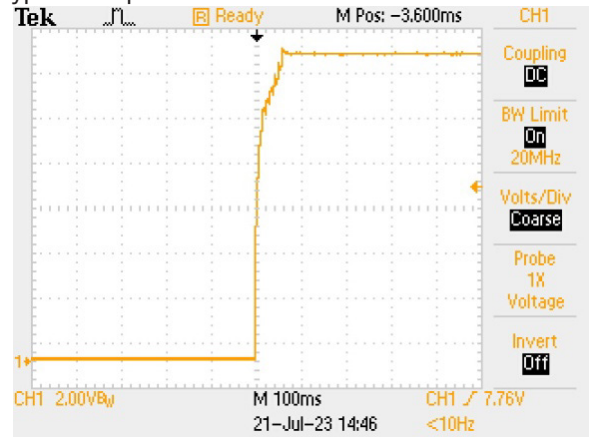
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TCI 240-112-J On demand 12 Vout model with U-Bracket

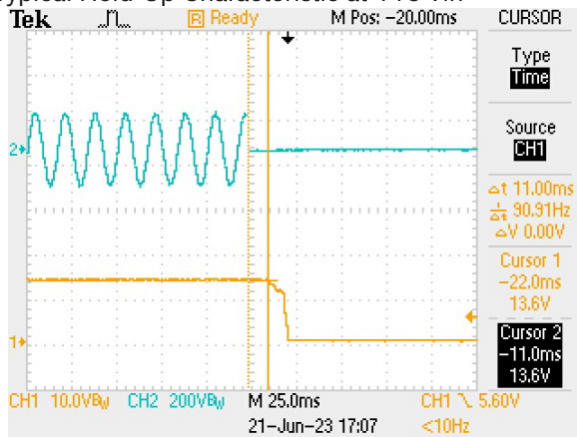
Typical Output Rise Characteristic at 115 Vin



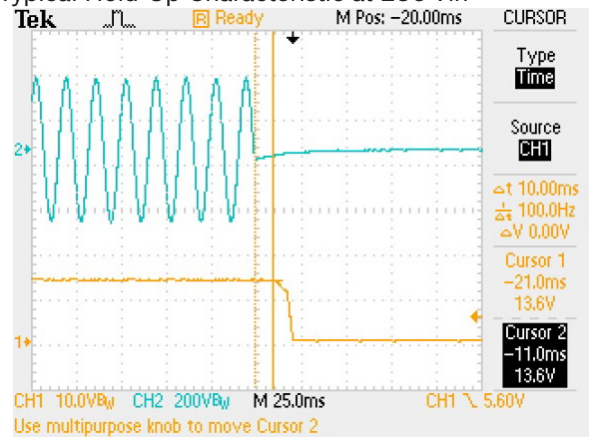
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

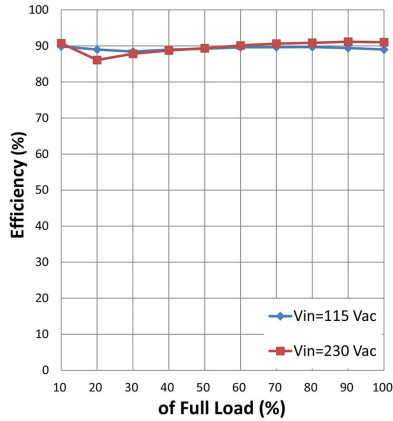


Typical Hold-Up Characteristic at 230 Vin

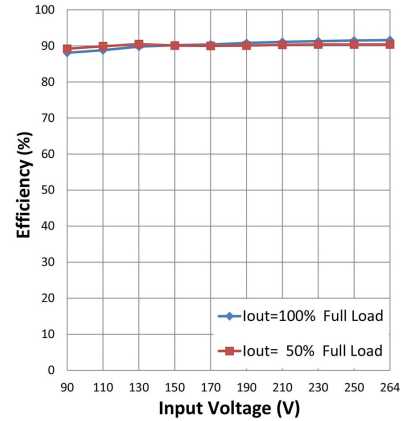


TCI 240-124-J On demand 24 Vout model with U-Bracket

Efficiency versus Output Load

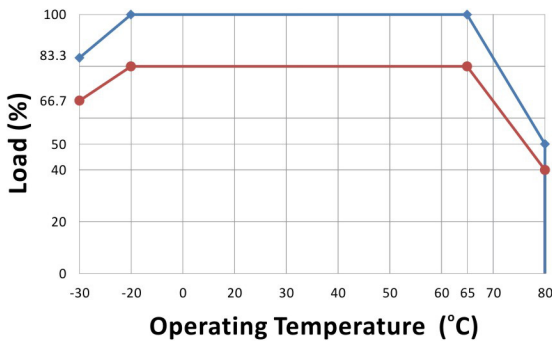


Efficiency versus Input Voltage



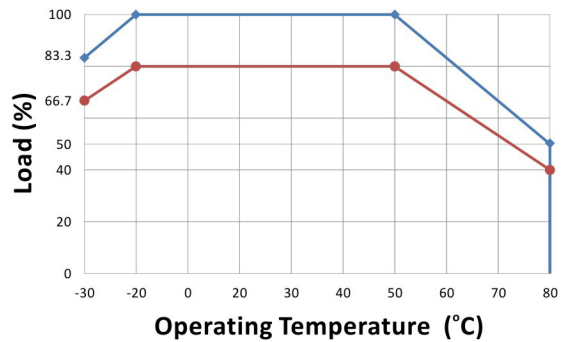
Derating Output Load versus Ambient Temperature
Forced air cooling (8 CFM)

◆ at 100-264Vin
● at 90Vin



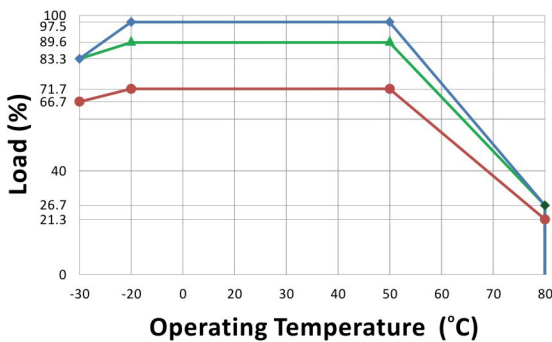
Derating Output Load versus Ambient Temperature
Conduction cooling
with base plate (300 x 300 x 3 mm)

◆ at 100-264Vin
● at 90Vin

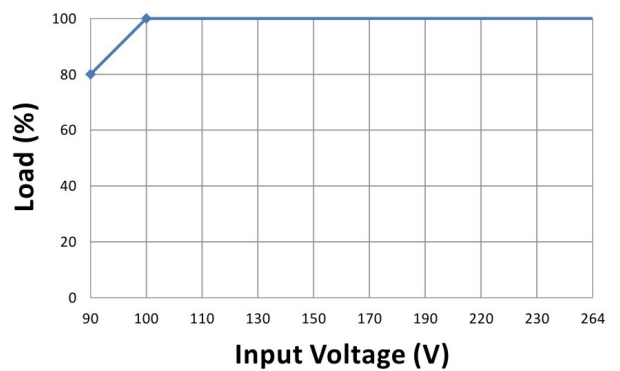


Derating Output Load versus Ambient Temperature
Natural convection (20 LFM)

◆ above 197 Vin to 264 Vin
▲ above 100 Vin below 197 Vin
● at 90 Vin



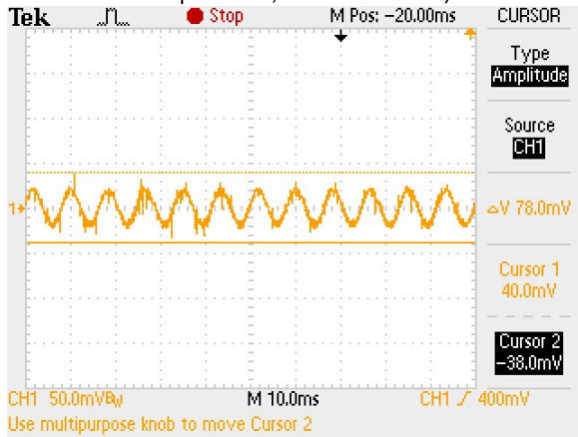
Derating Load versus Input Voltage



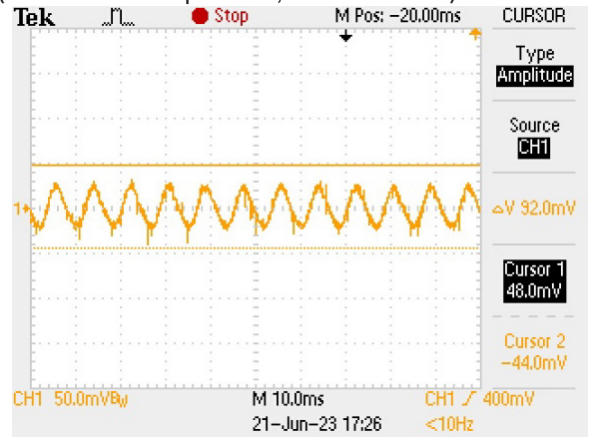
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TCI 240-124-J On demand 24 Vout model with U-Bracket

Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)



Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)



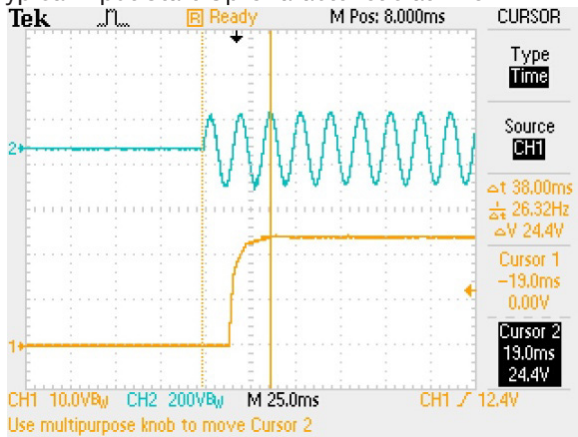
Transient Response (75% load step) at 115 Vin



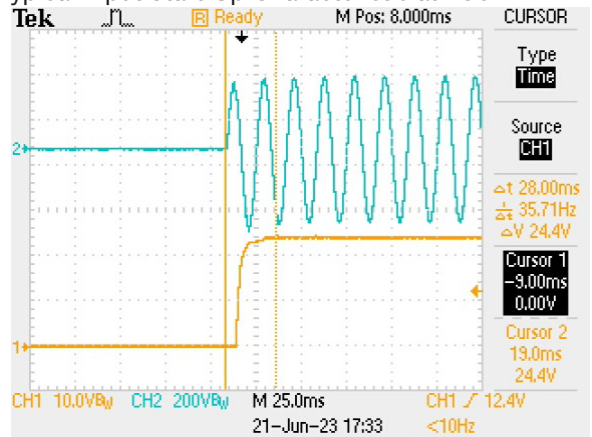
Transient Response (75% load step) at 230 Vin



Typical Input Start-Up Characteristic at 115 Vin



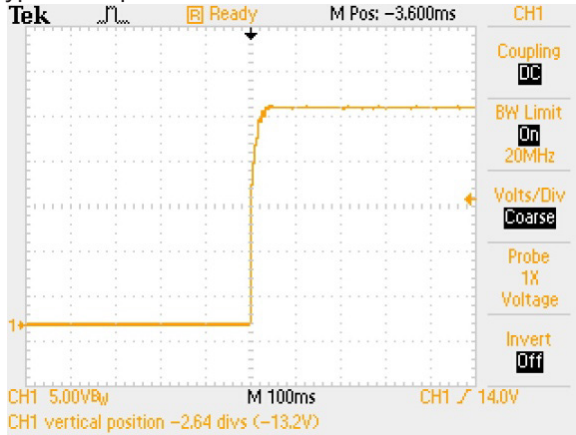
Typical Input Start-Up Characteristic at 230 Vin



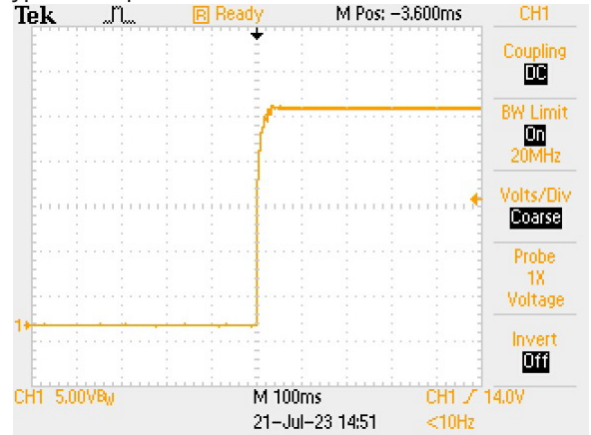
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TCI 240-124-J On demand 24 Vout model with U-Bracket

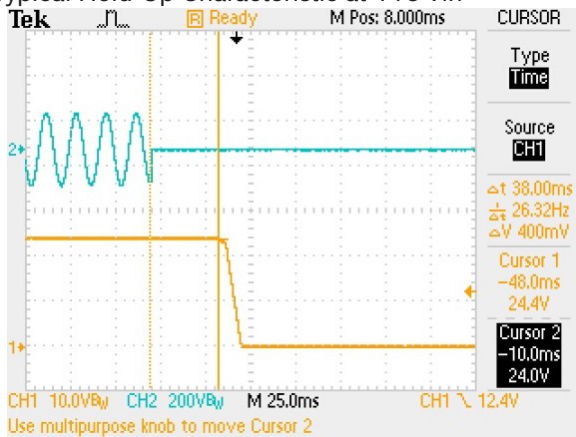
Typical Output Rise Characteristic at 115 Vin



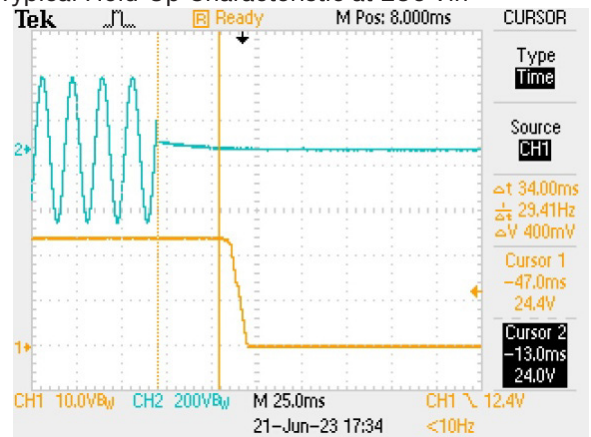
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin

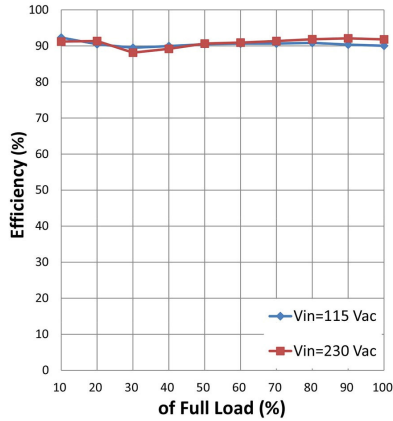


Typical Hold-Up Characteristic at 230 Vin

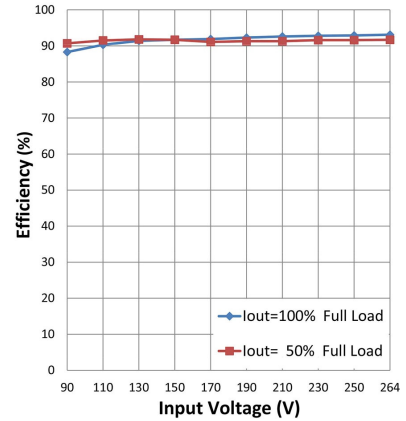


TCI 240-148-J On demand 48 Vout model with U-Bracket

Efficiency versus Output Load

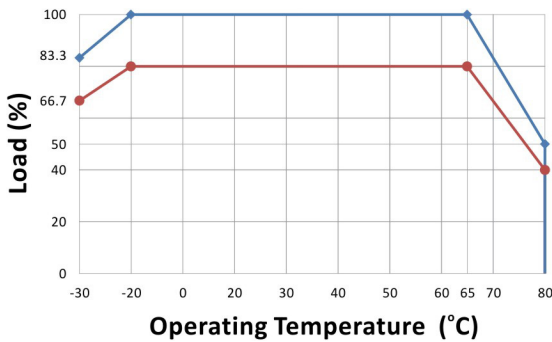


Efficiency versus Input Voltage



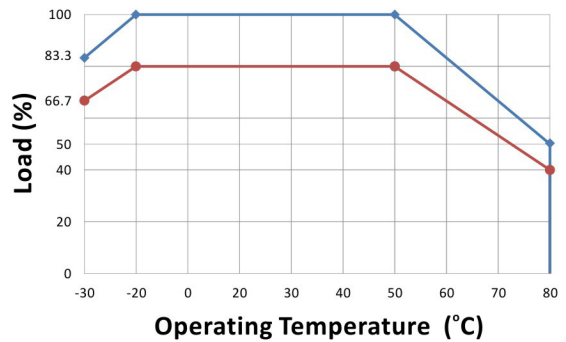
Derating Output Load versus Ambient Temperature
Forced air cooling (8 CFM)

at 100-264Vin
at 90Vin



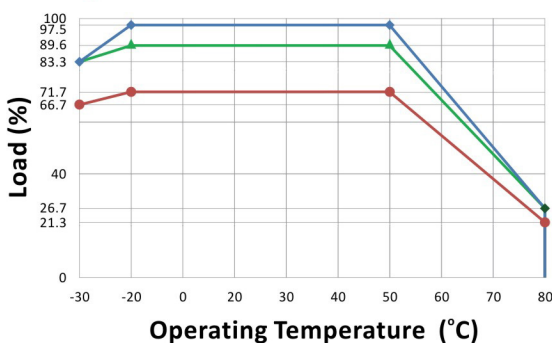
Derating Output Load versus Ambient Temperature
Conduction cooling
with base plate (300 x 300 x 3 mm)

at 100-264Vin
at 90Vin

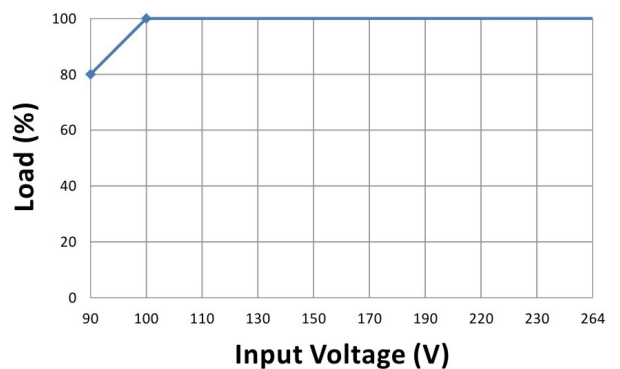


Derating Output Load versus Ambient Temperature
Natural convection (20 LFM)

above 197 Vin to 264 Vin
above 100 Vin below 197 Vin
at 90 Vin



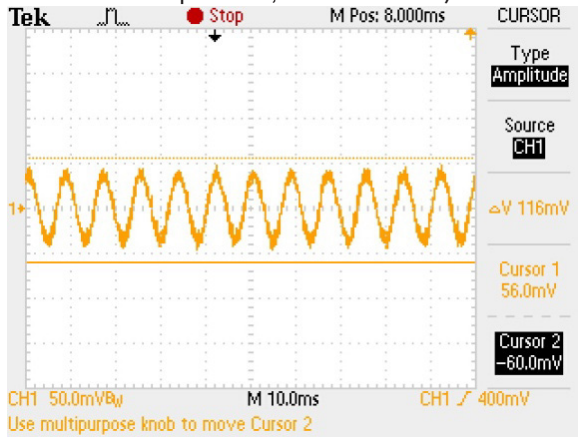
Derating Load versus Input Voltage



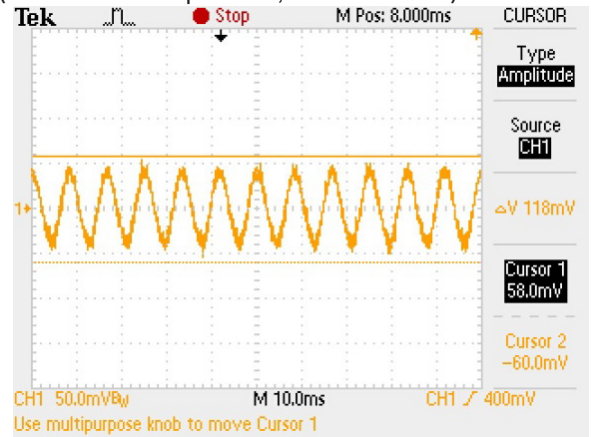
All specifications valid at nominal voltage, resistive full load and +25°C after warm-up time, unless otherwise stated.

TCI 240-148-J On demand 48 Vout model with U-Bracket

Typical Output Ripple and Noise at 115 Vin
(with external capacitors; see datasheet)



Typical Output Ripple and Noise at 230 Vin
(with external capacitors; see datasheet)



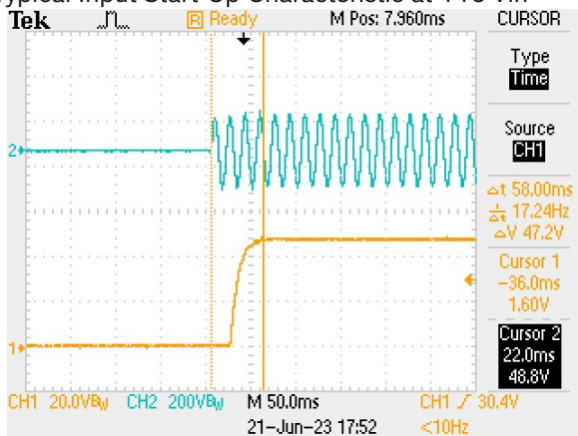
Transient Response (75% load step) at 115 Vin



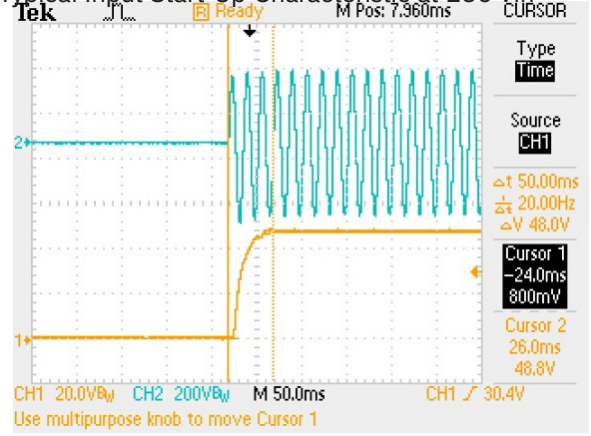
Transient Response (75% load step) at 230 Vin



Typical Input Start-Up Characteristic at 115 Vin

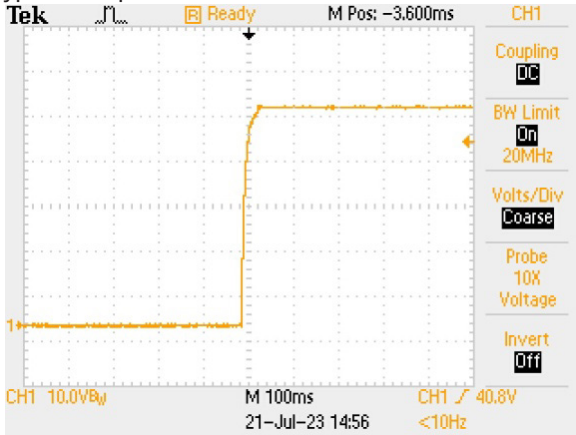


Typical Input Start-Up Characteristic at 230 Vin

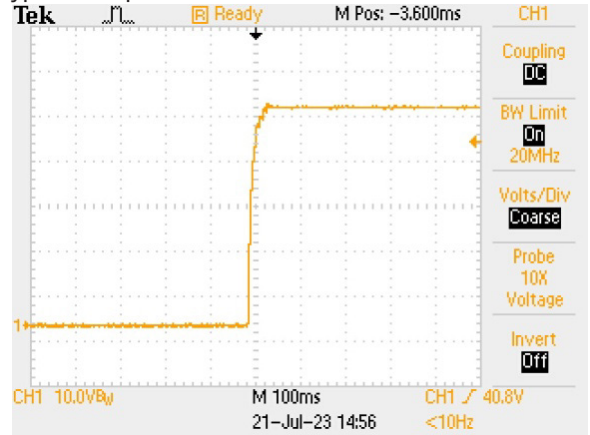


TCI 240-148-J On demand 48 Vout model with U-Bracket

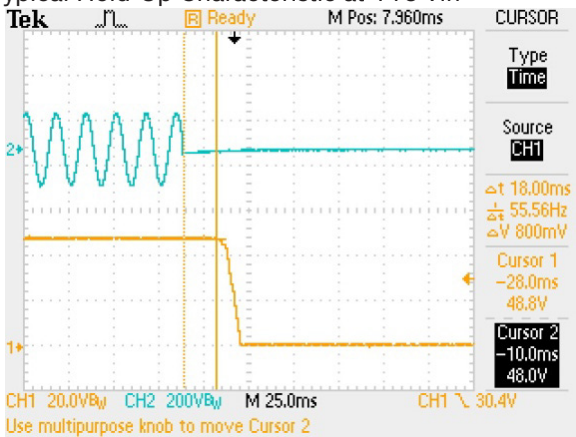
Typical Output Rise Characteristic at 115 Vin



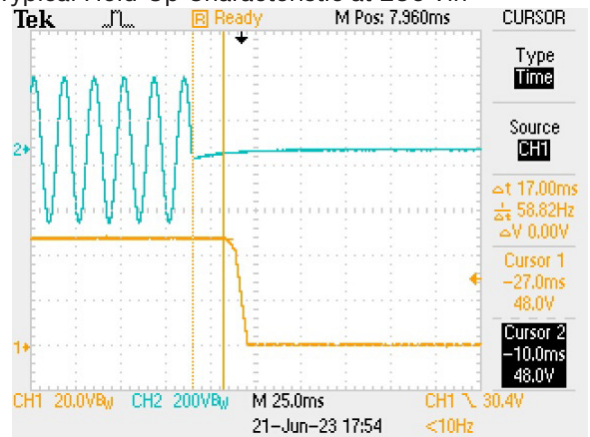
Typical Output Rise Characteristic at 230 Vin



Typical Hold-Up Characteristic at 115 Vin



Typical Hold-Up Characteristic at 230 Vin



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