

## 4.5. Output Specification

Parameter	Min	Typ	Max	Unit	Note
V <sub>OUT</sub> set point:					
T8231		24		Vdc	
T8232		28		Vdc	
Regulation (line, load, temperature & set point)	-2		2	%	Measured at remote sense
Remote-sense Drop			0.5	Vdc	
I <sub>OUT</sub> (rated):					
T8231 (24V <sub>OUT</sub> )	0		31.25	Adc	750W maximum
T8232 (28V <sub>OUT</sub> )	0		26.78	Adc	750W maximum
Ripple (20MHz bandwidth)			150	mVp-p	
Noise (20MHz bandwidth)			300	mVp-p	Under any load conditions
Transmission Noise (C message)			45	dBmc	
Output Rise Time	10		100	mS	Rise from 10% to 90% of final output level (resistive load)
Overvoltage Protection	29		32	Vdc	Reset by cycling ac input, on/off, or reinsertion
Output Current Limit (Steady state)			40A	Adc	
Transient Response					
Voltage Range	-2		2	%	25% step load transient with slew rate 0.1A/us within the range from 25% to 75% of full load
Active Current Sharing Differential			±3.2	A	Single-wire current share at full load
Efficiency	80	81		%	At full load, 120Vac with ORing diode
	83.5	84		%	At full load, 264 Vac with ORing diode
Reserve Output Current Protection					ORing diode
Start-Up delay		1.3	2	s	Measured from application of valid ac voltage
Turn-On delay			250	ms	Measured from DC on/off

**Table 5 Output Specification**