

Amperor Constant Voltage LED Driver Selection Guide

Rev 1.0 (2012-0220)



Model Name	Input		Output							Protection				Environment				Certification						Installation			
	Voltage Range	PFC	Voltage (V)	Number of Channels	Max. Output Power	Efficiency (%) (typ.)	Voltage Adj. Range	Current Adj. Range	Class 2 Output	OVP	Short	OC / OPP	OTP	Operation Temp. (degree C)	Derating (% at degree C)	Cooling	ROHS	UL-60950	UL1310 (Wet)	UL879	UL8750	UL935	IP	CE	FCC	Wiring Chamber (Input)	Wiring Chamber (Output)
ANP90-12P	90Vac - 264Vac	X	12	1	60	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-12PY	90Vac - 264Vac	X	12	1	60	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-15P	90Vac - 264Vac	X	15	1	75	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-15PY	90Vac - 264Vac	X	15	1	75	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-19P	90Vac - 264Vac	X	19	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-19PY	90Vac - 264Vac	X	19	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-24P	90Vac - 264Vac	X	24	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-24PY	90Vac - 264Vac	X	24	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-24P1	90Vac - 264Vac	X	24	1	97	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-24P1Y	90Vac - 264Vac	X	24	1	97	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-30P1	90Vac - 264Vac	X	30	1	96	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-30P1Y	90Vac - 264Vac	X	30	1	96	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-12P-277	90Vac - 277Vac	X	12	1	60	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-12PY-277	90Vac - 277Vac	X	12	1	60	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-15P-277	90Vac - 277Vac	X	15	1	75	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-15PY-277	90Vac - 277Vac	X	15	1	75	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-19P-277	90Vac - 277Vac	X	19	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-19PY-277	90Vac - 277Vac	X	19	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-24P-277	90Vac - 277Vac	X	24	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-24PY-277	90Vac - 277Vac	X	24	1	90	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-24P1-277	90Vac - 277Vac	X	24	1	97	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-24P1Y-277	90Vac - 277Vac	X	24	1	97	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-30P1-277	90Vac - 277Vac	X	30	1	96	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-30P1Y-277	90Vac - 277Vac	X	30	1	96	85	N.A.	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	X
ANP90-24S	90Vac - 264Vac	X	24	1	90	85	-20% / +10%	-50% / +15%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X		
ANP90-48P	90Vac - 264Vac	X	48	1	96	89	-20% / +10%	-70% / 0%		X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X			X	X	IP65	X	X		
ANP90-48P1	90Vac - 264Vac	X	48	1	96	89	-20% / +10%	-70% / 0%		X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X			X	X	IP65	X	X		
ANP90-48P-277	90Vac - 277Vac	X	48	1	96	89	-20% / +10%	-70% / 0%		X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X			X	X	IP65	X	X		
ANP90-48P1-277	90Vac - 277Vac	X	48	1	96	89	-20% / +10%	-70% / 0%		X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X			X	X	IP65	X	X		
ANP155-12AC	90Vac - 264Vac	X	12	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-15AC	90Vac - 264Vac	X	15	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-19AC	90Vac - 264Vac	X	19	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-24AC	90Vac - 264Vac	X	24	2	150	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-30AC	90Vac - 264Vac	X	30	2	150	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-36AC	90Vac - 264Vac	X	36	2	150	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-48AC	90Vac - 264Vac	X	48	2	150	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-12AC-277	90Vac - 277Vac	X	12	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-15AC-277	90Vac - 277Vac	X	15	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-19AC-277	90Vac - 277Vac	X	19	2	120	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP155-24AC-277	90Vac - 277Vac	X	24	2	150	85	-20% / +10%	-70% / 0%	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-12P	90Vac - 264Vac	X	12	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-15P	90Vac - 264Vac	X	15	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-19P	90Vac - 264Vac	X	19	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-24P	90Vac - 264Vac	X	24	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-12P-277	90Vac - 277Vac	X	12	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-15P-277	90Vac - 277Vac	X	15	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-19P-277	90Vac - 277Vac	X	19	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	
ANP240-24P-277	90Vac - 277Vac	X	24	4	240	85	-20% / +10%	N.A.	X	X	X	X	X	-30 ~ +70	50% at 80	Convection	X	X	X	X	X	X	IP65	X	X	X	