

Amperor Constant Voltage LED Driver Selection Guide

Rev 1.1 (2012-1126)



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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	X	X	X	X	X	X	IP65	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	Conduction	X	X	X	X	X	X	IP65	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	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	Conduction	X	X	X	X	X	X	IP65	X	X	X	X

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Model Name	Input		Output					Control		Protection				Environment				Certification							Installation			
	Rated Voltage Input Range	PFC	Voltage (V)	Current (mA)	Number of Channels	Max. Output Power	Efficiency (%) (typ.)	Class 2 Output	Dimmable	OVP	Short	OCPP / OPP	OTP	Operation Temp. (degree C)	Derating (% at degree C)	Cooling	ROHS	UL-60950	UL1310 (Wet)	UL879	UL8750	UL935	UL1012	IP	CE	FCC	Wiring Chamber (Input)	Wiring Chamber (Output)
ANP60-42P1-277	100Vac - 277Vac	X	12 ~ 42	350	4	60	88	X	X	X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP65	X	X		
ANP60-42P1-277	100Vac - 277Vac	X	12 ~ 24	700	2	60	88	X	X	X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP65	X	X		
ANP106-12P1-277	100Vac - 277Vac	X	9 ~ 12	5000	1	60	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP106-24P1-277	100Vac - 277Vac	X	18 ~ 24	4160	1	100	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP106-30P1-277	100Vac - 277Vac	X	22 ~ 30	3330	1	100	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP106-36P1-277	100Vac - 277Vac	X	28 ~ 36	2780	1	100	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP106-48P1-277	100Vac - 277Vac	X	37 ~ 48	2080	1	100	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP107-24P1-277	100Vac - 277Vac	X	12 ~ 24	4170	1	100	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP107-24P1-277	100Vac - 277Vac	X	24 ~ 30	3330	1	100	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP107-24P1-277	100Vac - 277Vac	X	30 ~ 36	2780	1	100	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP107-24P1-277	100Vac - 277Vac	X	36 ~ 48	2080	1	100	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP130-12P1-277	100Vac - 277Vac	X	6 ~ 12	5000	1	60	85	X		X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP130-24P1-277	100Vac - 277Vac	X	13 ~ 24	4000	1	96	88	X		X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP130-30P1-277	100Vac - 277Vac	X	18 ~ 30	3200	1	96	88	X		X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP130-36P1-277	100Vac - 277Vac	X	25 ~ 36	3000	1	96	88	X		X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP130-48P1-277	100Vac - 277Vac	X	36 ~ 48	2000	1	96	89	X		X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X				IP66	X	X		
ANP132-12P1-277	100Vac - 277Vac	X	6 ~ 12	6000	1	72	85			X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X		X		IP65	X	X		
ANP132-24P1-277	100Vac - 277Vac	X	13 ~ 24	5400	1	130	86			X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X		X		IP65	X	X		
ANP132-30P1-277	100Vac - 277Vac	X	18 ~ 30	4300	1	130	87			X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X		X		IP65	X	X		
ANP132-36P1-277	100Vac - 277Vac	X	25 ~ 36	3600	1	130	87			X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X		X		IP65	X	X		
ANP132-48P1-277	100Vac - 277Vac	X	36 ~ 48	2700	1	130	88			X	X	X	X	-30 ~ +70	50% at 80	Conduction	X	X	X	X		X		IP65	X	X		
ANP151-440P1-277	100Vac - 277Vac	X	220 ~ 440	350	1	154	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP151-220P1-277	100Vac - 277Vac	X	110 ~ 220	700	1	154	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP151-110P1-277	100Vac - 277Vac	X	70 ~ 110	1400	1	154	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP151-75P1-277	100Vac - 277Vac	X	50 ~ 75	2050	1	154	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP206-24P1-277	100Vac - 277Vac	X	17 ~ 24	8330	1	200	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP206-30P1-277	100Vac - 277Vac	X	23 ~ 30	6660	1	200	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP206-36P1-277	100Vac - 277Vac	X	28 ~ 36	5550	1	200	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP206-48P1-277	100Vac - 277Vac	X	37 ~ 48	4160	1	200	90	X		X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP207-24P1-277	100Vac - 277Vac	X	17 ~ 24	8330	1	200	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP207-30P1-277	100Vac - 277Vac	X	23 ~ 30	6660	1	200	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP207-36P1-277	100Vac - 277Vac	X	28 ~ 36	5550	1	200	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		
ANP207-48P1-277	100Vac - 277Vac	X	37 ~ 48	4160	1	200	90	X	X	X	X	X	X	-30 ~ +60	50% at 80	Conduction	X	X	X	X		X		IP66	X	X		