



NexSys[®]+

PLUG-N-PLAY PERFORMANCE FOR MULTIPLE DC VOLTAGES AND BATTERY CAPACITIES



AUTOMATIC BYPASS OF FAULTED MODULE

Continues charging process for uninterrupted operations



UP TO 94% EFFICIENCY

For maximum performance and energy savings

With high charge rates, NexSys[®]+ chargers slash recharge times and permit opportunity charging to increase productivity and boost fleet efficiency. For maximum cost savings, the IONIC[™] charge profile allows one charger to service multiple battery types and sizes without the need to buy additional chargers. All NexSys+ chargers are Wi-iQ[®] battery monitoring device enabled and when equipped, provides battery type, voltage and capacity data to the charger. Additionally, if the Wi-iQ device features temperature management, the charger will automatically compensate for temperature. NexSys+ chargers feature a 4.3" multi-color dashboard screen and an advanced interface to provide enhanced diagnostics and feedback to the operator. NexSys+ chargers are California Energy Commission (CEC) compliant and UL certified.



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PLUG-N-PLAY PERFORMANCE

NexSys®+ chargers include the NexSys charge profile plus the EnerSys® exclusive IONIC™ charge profile to continuously diagnose and optimize battery condition throughout the charging process. See owner's manual for complete model and power level listing.



	Output DC Voltage	Cabinet Size	Cabinet Code	DC Max Output (Amps)	Max Battery Capacity (Standard 8-hr)	Max Ah Battery Capacity (Opportunity and NexSys Mode*)	Input AC Amps	VAC	Max Weight (lbs)	Dimensions (W x D x H)
Single Phase	12	3	M	105	660 (1315**)	525	14	120	17	9.84" x 7.22" x 13.54"
	24	3	M	60	375 (750**)	300	16	120	17	9.84" x 7.22" x 13.54"
	36/48	3	M	42/33	265/210 (525/420**)	210/165	18	120	17	9.84" x 7.22" x 13.54"
	12	3	M	105	660	525	8/8/7	208/220/240	17	9.84" x 7.22" x 13.54"
	24	3	M	105	660	525	16/15/14	208/220/240	17	9.84" x 7.22" x 13.54"
	36/48	3	M	72/54	450/340	360/270	17/17/15	208/220/240	17	9.84" x 7.22" x 13.54"
	12	6	P	210	1320	1050	29	120	48	20.47" x 10.24" x 16.34"
	24	6	P	120	750	600	33	120	48	20.47" x 10.24" x 16.34"
	36/48	6	P	84/66	525/420	420/330	36	120	48	20.47" x 10.24" x 16.34"
	12	6	P	210	1320	1050	17/16/14	208/220/240	48	20.47" x 10.24" x 16.34"
	24	6	P	210	1320	1050	32/31/28	208/220/240	48	20.47" x 10.24" x 16.34"
	36/48	6	P	144/108	900/680	720/540	35/34/30	208/220/240	48	20.47" x 10.24" x 16.34"
	24	2	L	160	1000	800	12	480	67	13.18" x 13.80" x 19.50"
	36/48	2	L	100/100	625/625	500/500	14	480	67	13.18" x 13.80" x 19.50"
	24	4	N	320	2000	1600	23	480	84	13.18" x 13.80" x 19.50"
	36/48	4	N	200/200	1250/1250	1000/1000	28	480	84	13.18" x 13.80" x 19.50"
	24/36/48	2	L	80/80/80	500/500/500	400/400/400	15/14/13	208/220/240	67	13.18" x 13.80" x 19.50"
	72/80	2	L	50/50	315/315	250/250	15/15/13	208/220/240	67	13.18" x 13.80" x 19.50"
	24/36/48	2	L	160/160/120	1000/1000/750	800/800/600	10	480	67	13.18" x 13.80" x 19.50"
	72/80	2	L	80/72	500/450	400/360	10	480	67	13.18" x 13.80" x 19.50"
24/36/48	2	L	160/160/120	1000/1000/1000	800/800/800	8	600	67	13.18" x 13.80" x 19.50"	
72/80	2	L	80/72	625/625	500/500	8	600	67	13.18" x 13.80" x 19.50"	
24/36/48	4	N	160/160/160	2000/2000/1500	1600/1600/1200	30/28/26	208/220/240	84	13.18" x 13.80" x 19.50"	
72/80	4	N	100/100	625/625	800/720	31/29/27	208/220/240	84	13.18" x 13.80" x 19.50"	
24/36/48	4	N	320/320/240	2000/2000/1500	1600/1600/1200	19	480	84	13.18" x 13.80" x 19.50"	
72/80	4	N	160/144	1000/900	800/720	19	480	84	13.18" x 13.80" x 19.50"	
24/36/48	4	N	320/320/240	1500/1500/1500	1200/1200/1200	15	600	84	13.18" x 13.80" x 19.50"	
72/80	4	N	160/144	1000/900	750/750	15	600	84	13.18" x 13.80" x 19.50"	
24/36/48	6	P	240/240/240	2000/2000/2000	1600/1600/1600	44/42/38	208/220/240	106	19.10" x 13.80" x 19.50"	
72/80	6	P	150/150	940/940	1200/1080	46/44/40	208/220/240	106	19.10" x 13.80" x 19.50"	
24/36/48	6	P	320/320/320	2000/2000/2000	1600/1600/1600	23	480	106	19.10" x 13.80" x 19.50"	
72/80	6	P	240/216	1500/1350	1200/1080	23	480	106	19.10" x 13.80" x 19.50"	
24/36/48	6	P	320/320/320	2000/2000/2000	1600/1600/1600	23	600	106	19.10" x 13.80" x 19.50"	
72/80	6	P	240/216	1500/1350	1200/1080	23	600	106	19.10" x 13.80" x 19.50"	
24/36/48	8	R	320/320/320	2000/2000/2000	1600/1600/1600	59/56/51	208/220/240	197	15.95" x 14.80" x 37.80"	
72/80	8	R	200/200	1250/1250	1000/1000	62/58/54	208/220/240	197	15.95" x 14.80" x 37.80"	
72/80	8	R	320/288	2000/1800	1600/1440	38	480	197	15.95" x 14.80" x 37.80"	
72/80	8	R	320/288	2000/1800	1600/1440	31	600	197	15.95" x 14.80" x 37.80"	
24/36/48	(2) 4	R	160/160/160	1000/1000/1000	800/800/800	59/56/51	208/220/240	203	15.95" x 14.80" x 37.80"	
72/80	(2) 4	R	100/100	625/625	500/500	62/58/54	208/220/240	203	15.95" x 14.80" x 37.80"	
24/36/48	(2) 4	R	320/320/240	2000/2000/1500	1600/1600/1200	38	480	203	15.95" x 14.80" x 37.80"	
72/80	(2) 4	R	160/144	1000/900	800/720	38	480	203	15.95" x 14.80" x 37.80"	
24/36/48	(2) 4	R	320/320/240	2000/2000/1500	1600/1600/1200	31	600	203	15.95" x 14.80" x 37.80"	
72/80	(2) 4	R	160/144	1000/900	800/720	31	600	203	15.95" x 14.80" x 37.80"	

* AH Battery Capacity (Opportunity and NexSys Mode) based on 20% maximum charge rate. Larger battery capacities can be charged in opportunity mode, but cannot exceed the max battery capacity indicated in the "Max Battery Capacity (Standard 8-hr)" column.

** Based on 13-hour recharge, which only applies to flooded profile. Cold storage and VRLA profile must use 8-hour charge rate.

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