



# NexSys<sup>®</sup> PURE

**GEN 1**  
THIN PLATE PURE LEAD  
(TPPL) TECHNOLOGY



Featuring proprietary Thin Plate Pure Lead (TPPL), NexSys<sup>®</sup> PURE batteries provide an advanced, cost-effective power solution.

NexSys PURE batteries offer faster, more flexible charging – opportunity charge anytime the vehicle is stopped, during breaks or at the end of a shift. The virtually maintenance-free power solution never requires watering, battery washing or long equalize charges, is resistant to shock and vibration, and with very low internal resistance, provides more power when you need it most.



Battery Type	Voltage (V)	Nominal AH Capacity @ the C <sub>6</sub> Rate	Nominal AH Capacity @ the C <sub>20</sub> Rate	Nominal Dimensions (in)				Nominal Weight (lbs)	Standard Terminals	Terminal Adapter Options	Terminal Layout
				L	W	H	Term H				
12NXS26	12	26	30	9.84	3.82	5.79	5.67	21.1	M6 Female	A	1
12NXS36	12	36	42	9.84	3.82	7.76	7.64	29.0	M6 Female	A	1
12NXS38	12	38	42	7.74	6.50	6.69	6.37	38.4	M6 Female	A	1
12NXS50	12	50	56	8.66	4.76	9.92	9.76	41.0	M6 Female	A	1
12NXS61	12	61	63	11.02	3.82	10.39	9.76	42.0	M8 Female	B	2
12NXS62	12	62	65	12.95	6.54	6.85	6.54	53.1	M6 Female	A	1
12NXS85	12	85	97	15.55	4.13	10.39	9.76	60.0	M8 Female	B	2
12NXS86	12	86	100	12.99	6.79	8.43	8.62	77.4	3/8"-16 Female	A	4
12NXS90	12	90	104	11.89	6.89	8.78	8.94	69.5	M6 Female	A	3
12NXS120	12	120	128	13.31	6.81	10.71	10.75	94.8	M6 Female	A	3
12NXS137	12	137	154	16.90	6.79	9.36	9.36	100.5	M6 Female	B	2
12NXS157	12	157	183	16.90	6.79	10.75	10.75	117.0	M6 Female	B	2
12NXS166	12	166	187	22.09	4.92	11.14	10.35	113.3	M8 Female	B	2
12NXS186	12	186	210	22.09	4.92	12.48	11.69	131.1	M8 Female	B	2



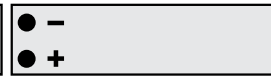
Option A: SAE post



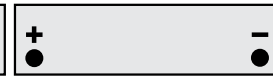
Option B: M6 male front terminal adapter



Terminal layout 1



Terminal layout 2



Terminal layout 3



Terminal layout 4

Flexible connectors must be used for all monobloc connections. EnerSys® approved fasteners must be used.