Technical Data Sheet

TPPL TECHNOLOGY

NexSys® TPPL

THIN PLATE PURE LEAD (TPPL) TECHNOLOGY

NexSys® TPPL batteries are the most advanced generation of Thin Plate Pure Lead (TPPL) technology. This advanced chemistry optimizes opportunity charging, reduces sulfation and offers a higher energy throughput compared to conventional lead acid batteries.

Virtually maintenance-free NexSys TPPL batteries never require watering, battery washing or long equalize charges, allowing for more time to be spent on your core business operations.

CLASSIFIED UL

www.enersys.com

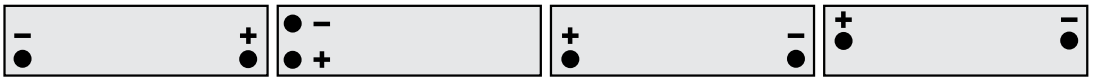
EnerSys Power/Full Solutions

Technical Data Sheet

Battery Type	Voltage (V)	Nominal Ah Capacity @ the C_6 Rate	Nominal Ah Capacity @ the C_{20} 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.

www.enersys.com

AMER-EN-TD-NEX-TPPL-1023