Technical Data Sheet

TPPL TECHNOLOGY

NexSys® TPPL

THIN PLATE PURE LEAD (TPPL) TECHNOLOGY



Featuring proprietary Thin Plate Pure Lead (TPPL) technology, NexSys® TPPL batteries provide an advanced, cost-effective power solution.

NexSys TPPL batteries offer faster, more flexible charging – opportunity charge anytime the vehicle is stopped, during breaks, or at the end of a shift. The 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.

CLASSIFIED UL®

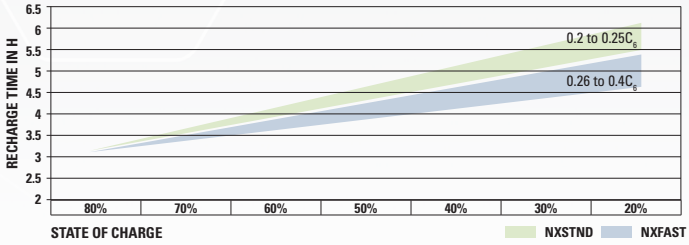
www.enersys.com

EnerSys® Power/Full Solutions

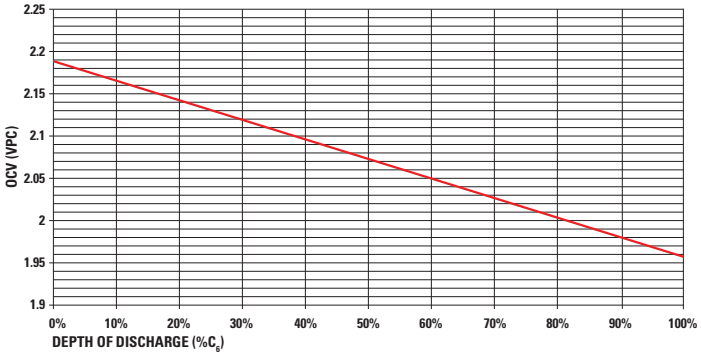
Technical Data Sheet

Battery Type	Nominal AH Capacity	Height In (mm)	Length In (mm)	Width In (mm)	Weight lbs (kg)
6NXSA540	540	20.62 (524)	5.00 (127)	6.19 (157)	73.0 (33.2)
8NXSA720	720	20.62 (524)	6.50 (165)	6.25 (159)	97.0 (44.1)
10NXSA900	900	20.62 (524)	8.00 (203)	6.25 (159)	119.8 (54.4)
12NXSA1080	1080	20.62 (524)	9.50 (241)	6.25 (159)	142.9 (65.0)
6NXSA750	750	27.36 (695)	5.00 (127)	6.19 (157)	96.2 (43.7)
7NXSA875	875	27.36 (695)	5.75 (146)	6.25 (159)	111.3 (50.5)
8NXSA1000	1000	27.36 (695)	6.50 (165)	6.25 (159)	127.8 (58.1)
NXS560	560	26.57 (675)	3.27 (83)	7.80 (198)	70.55 (32.0)
NXS660	660	21.30 (541)	4.69 (119)	7.80 (198)	82.69 (37.6)
NXS700	700	26.57 (675)	3.98 (101)	7.80 (198)	86.64 (39.3)
NXS770	770	21.30 (541)	5.39 (137)	7.80 (198)	93.70 (42.5)
NXS840	840	26.57 (675)	4.69 (119)	7.80 (198)	102.73 (46.6)

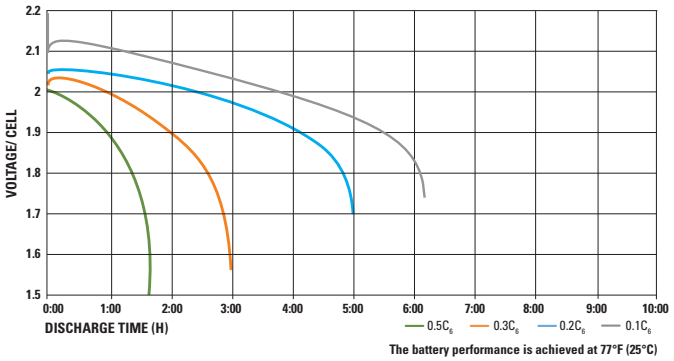
Time for Full Recharge at Various Initial State of Charge (SOC)



Open Circuit Voltage vs % Depth of Discharge (DOD)



Discharge Curves at Various Discharge Rates



The battery performance is achieved at 77°F (25°C)

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