



# NexSys<sup>®</sup> TPPL

THIN PLATE PURE LEAD  
(TPPL) TECHNOLOGY



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

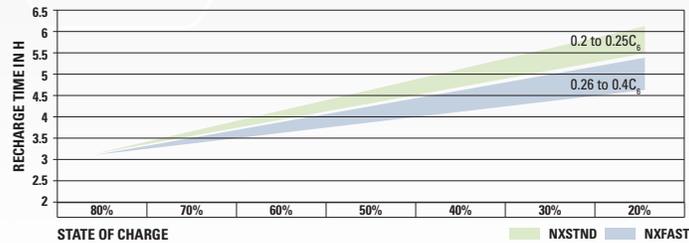
NexSys TPPL batteries offer faster, more flexible charging – opportunity charge anytime the vehicle is stopped, during breaks or at the end of a shift. The virtually maintenance-free power solution never requires watering, battery washing or long equalize charges, is resistant to shock and vibration,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



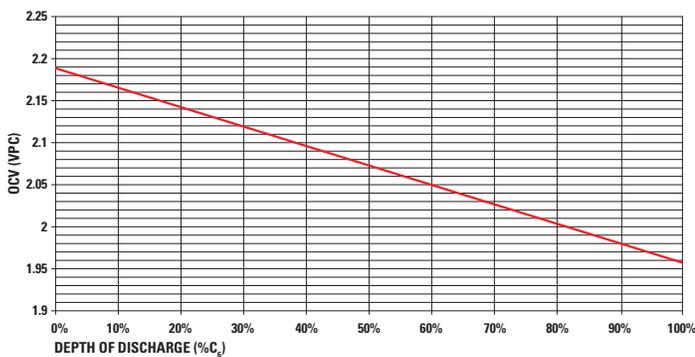
# Technical Data Sheet

Battery Type	Nominal AH Capacity	Height In (mm)	Length In (mm)	Width In (mm)	Weight lbs (kg)
<b>NXSA510</b>	510	20.62 (524)	5.00 (127)	6.19 (157)	73.0 (33.2)
<b>NXSA680</b>	680	20.62 (524)	6.50 (165)	6.25 (159)	97.0 (44.1)
<b>NXSA850</b>	850	20.62 (524)	8.00 (203)	6.25 (159)	119.8 (54.4)
<b>NXSA1020</b>	1020	20.62 (524)	9.50 (241)	6.25 (159)	142.9 (65.0)
<b>NXSA720</b>	720	27.36 (695)	5.00 (127)	6.19 (157)	96.2 (43.7)
<b>NXSA840</b>	840	27.36 (695)	5.75 (146)	6.25 (159)	111.3 (50.5)
<b>NXSA960</b>	960	27.36 (695)	6.50 (165)	6.25 (159)	127.8 (58.1)
<b>NXSS60</b>	560	26.57 (675)	3.27 (83)	7.80 (198)	70.55 (32.0)
<b>NXSS660</b>	660	21.30 (541)	4.69 (119)	7.80 (198)	82.69 (37.6)
<b>NXSS700</b>	700	26.57 (675)	3.98 (101)	7.80 (198)	86.64 (39.3)
<b>NXSS770</b>	770	21.30 (541)	5.39 (137)	7.80 (198)	93.70 (42.5)
<b>NXSS840</b>	840	26.57 (675)	4.69 (119)	7.80 (198)	102.73 (46.6)

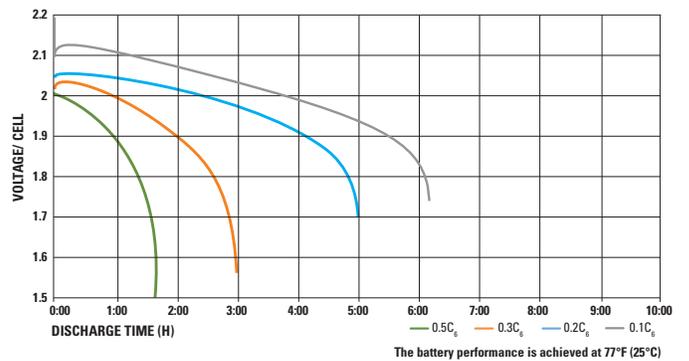
## Time for Full Recharge at Various Initial State of Charge (SOC)



## Open Circuit Voltage vs % Depth of Discharge (DOD)



## Discharge Curves at Various Discharge Rates



[www.enersys.com](http://www.enersys.com)

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