



NexSys[®] PURE

GEN 1
THIN PLATE PURE LEAD
(TPPL) TECHNOLOGY



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

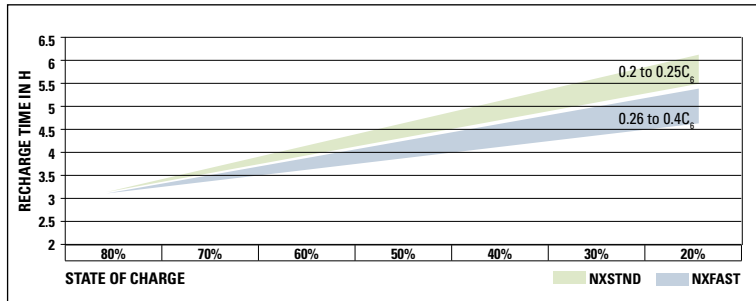
NexSys PURE batteries offer faster, more flexible charging – opportunity charge anytime the vehicle is stopped, during breaks or at the end of a shift. The virtually maintenance-free power solution never requires watering, battery washing or long equalize charges, is resistant to shock and vibration,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



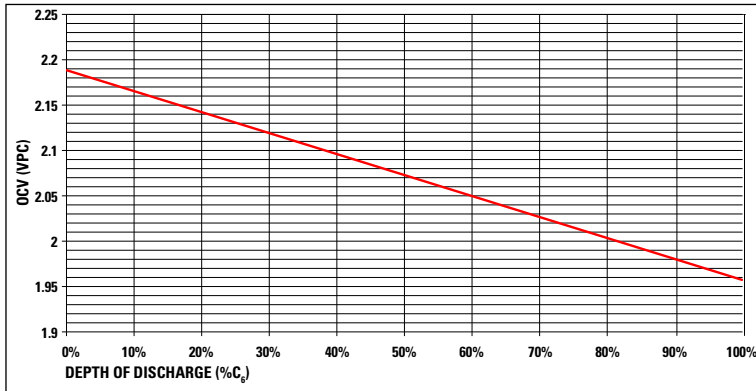
Technical Data

Type	Nominal AH Capacity @ the C_5 Rate	Height in (mm)	Length in (mm)	Width in (mm)	Weight lbs (kg)	Tray Height in (mm)
NXS560	560	26.57 (675)	3.27 (83)	7.80 (198)	70.55 (32.0)	27.38 (695)
NXS660	660	21.30 (541)	4.69 (119)	7.80 (198)	82.89 (37.6)	22.09 (561)
NXS700	700	26.57 (675)	3.98 (101)	7.80 (198)	86.64 (39.3)	27.36 (695)
NXS770	770	21.30 (541)	5.39 (137)	7.80 (198)	93.70 (42.5)	22.09 (561)
NXS840	840	26.57 (675)	4.69 (119)	7.80 (198)	102.73 (46.6)	27.36 (695)

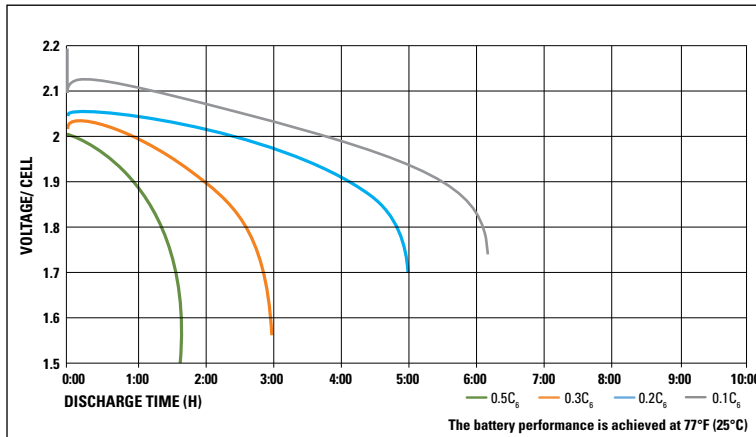
Time for Full Recharge at Various Initial State of Charge (SOC)



Open Circuit Voltage vs % Depth of Discharge (DOD)



Discharge Curves at Various Discharge Rates



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