



Faster, more flexible recharging puts you in charge

Designed for use with EnerSys® NexSys™ batteries, EnerSys NexSys™ battery chargers slash recharge times and allow for flexible opportunity charging with no risk of battery damage.



EnerSys® NexSys™ —

The battery and charger system that will change the way you work

EnerSys® NexSys™ batteries provide exceptional flexibility. Use them whenever you want, and recharge them whenever you can – during breaks, or at the end of the shift. NexSys™ batteries can even be put back into service before they are fully charged.

Combining advanced battery design technology with robust materials and construction, NexSys™ batteries also provide exceptional performance. Maintenance-free and highly resistant to shock and vibration, NexSys™ batteries will literally change the way you work.

Small traction applications include:

- Floor care/cleaning machines
- Pallet trucks
- Shuttle personnel carriers
- Industrial utility vehicles
- Automated guided vehicles (AGV)
- And many more...

EnerSys® NexSys™ battery chargers optimize cycling performance and reduce recharging times

*NexSys™ Battery	12V Charger	24V Charger	36V Charger
12NXS26	EX1-6-20	EX1-12-20	EX1-18-20
12NXS36	EX1-6-30	EX1-12-30	EX1-18-20
12NXS38	EX1-6-30	EX1-12-30	EX1-18-20
12NXS50	EX1-6-30	EX1-12-30	EX1-18-20
12NXS61	EX1-6-30	EX1-12-30	EX1-18-20
12NXS62	EX1-6-30	EX1-12-30	EX1-18-20
12NXS85	EX1-6-30	EX1-12-30	EL3-18-625YT
12NXS89	EX1-6-30	EX1-12-30	EL3-18-625YT
12NXS137	N/A	EL3-12-875YT	EL3-18-750YT
12NXS166	N/A	EL3-12-875YT	EL3-18-750YT
12NXS186	N/A	EL3-12-875YT	EL3-18-750YT

*NexSys™ batteries must be charged with an EnerSys approved charger

If you are parallel charging, please contact your EnerSys representative to determine your charger requirements.

- EnerSys NexSys™ On-Board (Single-Phase, 110VAC / UL Approved)
- EnerSys NexSys™ Wall-Mount (Three-Phase, 480VAC / UL Approved)

Benefits that conventional batteries can't match

Virtually maintenance-free, EnerSys® NexSys™ batteries feature a superior quality microporous glass mat separator with high electrolyte absorption and stability to enhance cyclic capability. Positive and negative plates are low impedance, high corrosion resistant thin plate grids manufactured from pure lead in a unique process.

The result? NexSys™ batteries offer optimized cycling performance and rapid recharging that conventional lead acid batteries – gel or flooded – simply cannot. When used with an EnerSys approved charger, NexSys™ batteries offer a wide range of benefits:

- High energy throughput – up to 300% of C₆ per 24 hours
- Long maintenance-free life cycle – up to 1,200 cycles at 60% DOD
- Extreme shock and vibration resistance
- Eco-friendly performance
- Minimum gassing: ideal for use in shops, public areas and sensitive manufacturing areas
- High recyclability
- Ideal for multi-shift operations
- Optimum machine availability
- Short recharge times – less than 3 hours at 60% DOD (with EnerSys NexSys™ battery charger)
- Suitable for opportunity charging
- Long shelf life (up to 2 years at 77°F)
- Easy installation
- More power in less space – NexSys™ batteries typically occupy 30% less space than the equivalent lead calcium batteries

Technical Data

NexSys™ Battery	Voltage (V)	Nominal AH Capacity @ the C ₆ Rate	Nominal AH Capacity @ the C ₂₀ Rate	Dimensions (in)				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	44	7.74	6.50	6.69	6.37	38.2	M6 Female	A	1
12NXS50	12	50	57	8.66	4.76	9.92	9.76	41.1	M6 Female	A	1
12NXS61	12	61	67	11.02	3.82	10.39	9.76	42.0	M8 Female	-	1
12NXS62	12	62	71	12.95	6.54	6.85	6.54	53.2	M6 Female	A	1
12NXS85	12	85	104	15.55	4.13	10.39	9.76	60.0	M8 Female	-	1
12NXS89	12	89	102	12.99	6.79	8.43	8.62	77.4	3/8 -16" Female	A	1
12NXS137	12	137	154	17.90	6.79	9.36	9.36	105.0	M6 Female	B	2
12NXS166	12	166	191	22.09	4.92	11.14	10.35	113.3	M8 Female	B	2
12NXS186	12	186	214	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

Flexible connectors must be used for all monoblock connections.

EnerSys approved fasteners must be used.