



POWERING DOWN YOUR COSTS



## ENERGIA®: RELIABLE, COST-EFFECTIVE POWER

EnerSys® has recently developed a battery range for all motive power applications in low and normal duty applications, offering high quality and performances at a cost effective rate.

### Robust construction

**Energia®** is a range of vented lead-acid batteries in DIN sizes. Their robust construction is based on tubular technology with negative flat pasted plates. The separator is of the microporous type. Cell box and lid are made from high temperature resistant polypropylene and are heat-seal welded to prevent any electrolyte leakage.

Cells are connected with bolt-on connectors to allow easy service replacement. Cell vents are flip top plugs with electrolyte level markings, permitting safe use with adequate egress for charging gasses and anti-surge baffle for the electrolyte during operation.

### High level of reliability

The **Energia** battery cells provide a high level of reliability and performance required for your daily use on all your trucks. They come with the peace of mind of dealing with the global leader in industrial batteries with a worldwide distribution & service network.





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### Option

#### Automatic single-point filling system

A single-point watering system can be supplied on request, including battery filling system plugs and pipes to be installed onto the battery. The water refilling system enables all cells of the battery to be topped-up from one central point, to get the same optimum electrolyte level and reduce battery filling time. The vent plugs also allow the specific gravity measurement.

### Fitment

Energia® cells conform to the main dimensions of the series L (DIN cells) according to EN/IEC 60254-2.

## ENERGIA® with bolted connectors (NRG-D: DIN dimensions)

Cell designation	Nominal capacity 5 hour Ah	Max. cell dimensions in mm			Weight in kg +/-5%
		L	W	H	
<b>DIN RANGE</b>					
3 NRG-D 225	225	65	198	435	14.5
4 NRG-D 300	300	83	198	435	18.7
5 NRG-D 375	375	101	198	435	22.9
6 NRG-D 450	450	119	198	435	27.2
7 NRG-D 525	525	137	198	435	31.4
8 NRG-D 600	600	155	198	435	35.7
4 NRG-D 340	340	83	198	505	21.5
5 NRG-D 425	425	101	198	505	26.3
6 NRG-D 510	510	119	198	505	31.3
7 NRG-D 595	595	137	198	505	36.1
4 NRG-D 400	400	83	198	541	23.6
6 NRG-D 600	600	119	198	541	34.4
7 NRG-D 700	700	137	198	541	39.7

Cell designation	Nominal capacity 5 hour Ah	Max. cell dimensions in mm			Weight in kg +/-5%
		L	W	H	
2 NRG-D 240	240	47	198	600	14.2
3 NRG-D 360	360	65	198	600	20.2
4 NRG-D 480	480	83	198	600	26.1
5 NRG-D 600	600	101	198	600	32.1
6 NRG-D 720	720	119	198	600	37.1
7 NRG-D 840	840	137	198	600	44.9
8 NRG-D 960	960	155	198	600	51.0
3 NRG-D 441	441	65	198	750	25.2
4 NRG-D 588	588	83	198	750	32.7
5 NRG-D 735	735	101	198	750	40.2
6 NRG-D 882	882	119	198	750	47.6

Overlid height = maximum cell height - 30 mm  
Most of cell weights are lower than those of the series L (DIN) ranges from the informative annexe of the DIN/EN 60254-2.