

# Industrial Batteries – Motive Power

## Power you can rely on

### EPzV – EPzV-BS series



#### Main technical features and benefits

- Maintenance-free, valve-regulated cells with electrolyte fixed in gel
- Maintenance-free (no topping up) during the whole service life due to the Sonnenschein dryfit technology
- No contamination or corrosion due to leaking electrolyte
- Very low self-discharge
- Extremely low gassing during operation
- Option: explosion-proof version (ATEX)
- Can be recycled
- Manufactured in accordance with EN ISO 9001
- Available in DIN sizes according to IEC 60 254-2

#### Special features of batteries up to 15 kWh for light and medium applications (need approval by product management)

- 80% depth of discharge possible up to 15 kWh
- Intermediate recharge permissible
- Recharge possible in 10 hours\* \*60% depth of discharge (DOD), depending on assigned charging current

#### Applications

The dryfit EPzV series is suitable for all warehousing applications. It can be used in forklift trucks, cleaning machines and electric road vehicles. Due to its high operational safety, this

model is particularly suitable for applications in the food, pharmaceutical and chemical industry.

# Make use of the superiority from the proven dryfit technology



## Technical characteristics and data (EN) width (b/w) 198 mm

Type 55 Ah*	Weight**	Length (l)	Type 70 Ah*	Weight**	Length (l)	Type 80 Ah*	Weight**	Length (l)	Type 100 Ah*	Weight**	Length (l)	Type 120 Ah*	Weight**	Length (l)	
Height (h1) 342 mm Height (h2) 370 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 402 mm Height (h2) 430 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 462 mm Height (h2) 490 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 553 mm Height (h2) 585 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 672 mm Height (h2) 704 mm	Ah (C <sub>5</sub> ) kg	mm	
2 EPzV 110	110	8.80	47.0	2 EPzV 140	140	10.2	47.0	2 EPzV 160	160	12.1	47.0	2 EPzV 200	200	14.7	47.0
3 EPzV 165	165	12.3	65.0	3 EPzV 210	210	14.4	65.0	3 EPzV 240	240	17.1	65.0	3 EPzV 300	300	20.7	65.0
4 EPzV 220	220	15.9	83.0	4 EPzV 280	280	18.7	83.0	4 EPzV 320	320	22.1	83.0	4 EPzV 400	400	26.8	83.0
5 EPzV 275	275	19.5	101	5 EPzV 350	350	23.0	101	5 EPzV 400	400	27.1	101	5 EPzV 500	500	32.9	101
6 EPzV 330	330	23.0	119	6 EPzV 420	420	27.2	119	6 EPzV 480	480	32.1	119	6 EPzV 600	600	39.0	119

\* Capacity per positive plate Ah (C<sub>5</sub>) at 30°C  
 \*\* Filled and charged cell weights +/- 5%

Heights given +/- 2mm

## Technical characteristics and data (BS) width (b/w) 158 mm

Type 61 Ah*	Weight**	Length (l)	Type 71 Ah*	Weight**	Length (l)	Type 85 Ah*	Weight**	Length (l)			
Height (h1) 456 mm Height (h2) 484 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 516 mm Height (h2) 544 mm	Ah (C <sub>5</sub> ) kg	mm	Height (h1) 611 mm Height (h2) 639 mm	Ah (C <sub>5</sub> ) kg	mm			
2 EPzV 122	122	9.40	46.0	2 EPzV 142	142	10.7	46.0	2 EPzV 170	170	12.8	46.0
3 EPzV 183	183	13.0	62.0	3 EPzV 213	213	14.9	62.0	3 EPzV 255	255	17.8	62.0
4 EPzV 244	244	16.6	78.0	4 EPzV 284	284	19.1	78.0	4 EPzV 340	340	22.9	78.0

\* Capacity per positive plate Ah (C<sub>5</sub>) at 30°C  
 \*\* Filled and charged cell weights +/- 5%

Heights given +/- 2mm

## Specifications

Nominal capacity:  
122-340 Ah (BS)  
110-720 Ah (EN)

Single cell

Tubular plate

1200 cycles acc. to  
EN 60 254-1 / IEC -  
254-1

Recyclable

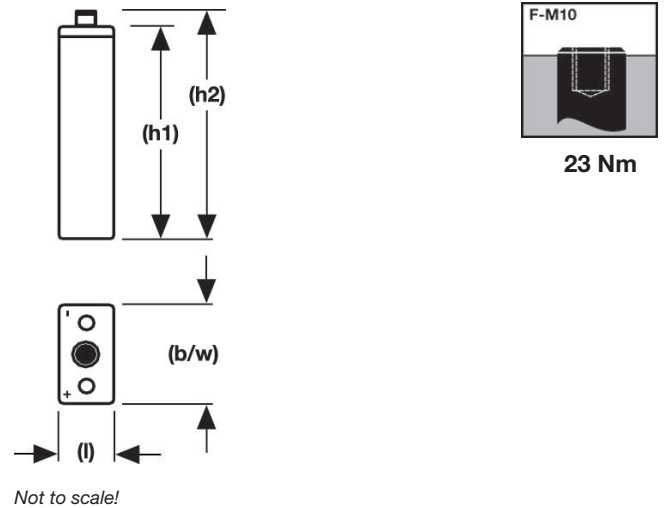
VRLA  
Valve regulated  
lead-acid batteries

Proof against deep  
discharge

Maintenance-free  
(no topping-up)

Optional:  
Explosive-proof

## Dimensions, terminal and torque



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MXSSVFEPDF00411 Subject to alterations.