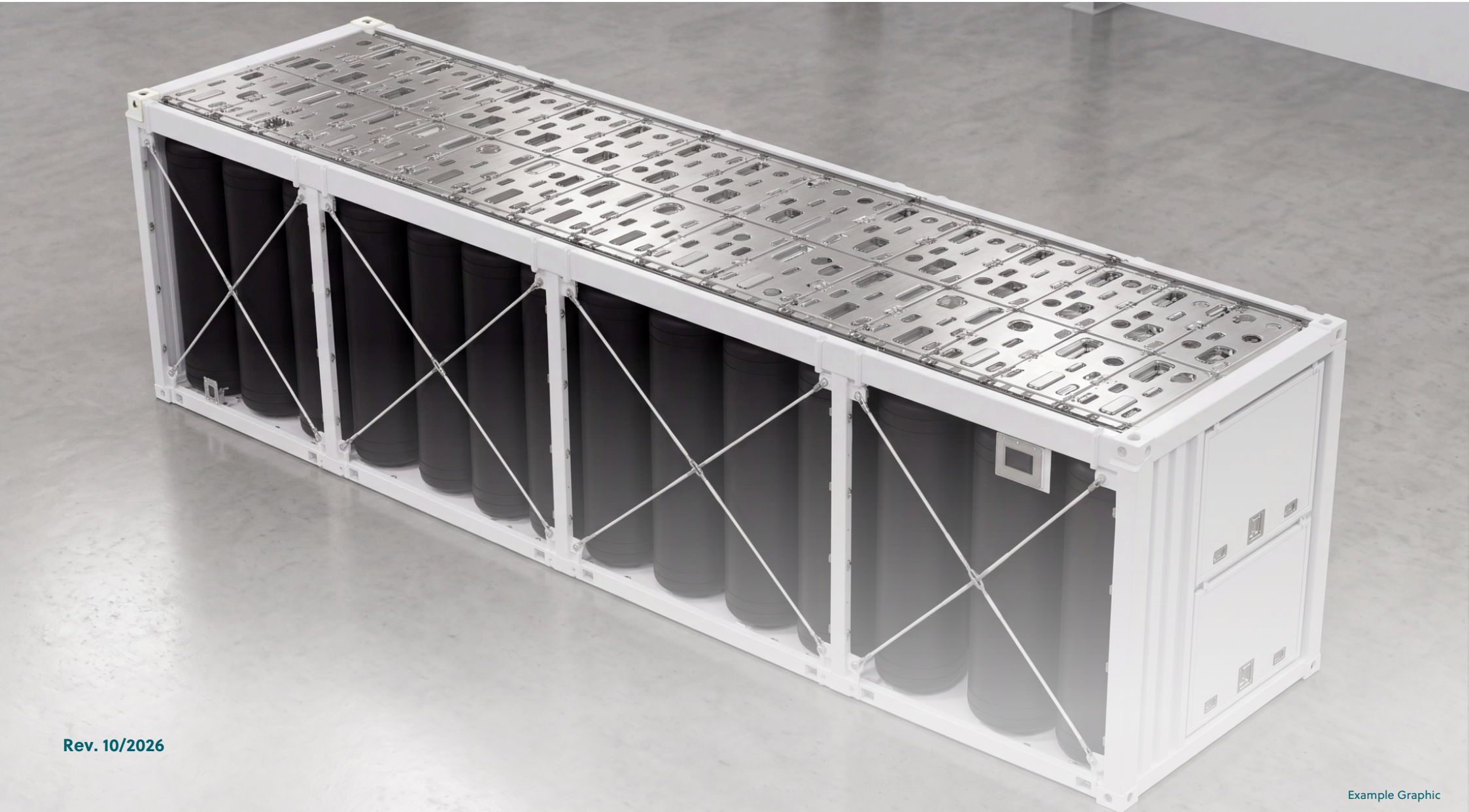
Type 4 cylinders

Distribution Systems | HyCarrier

HEXAGON PURUS



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Example Graphic



Type 4 cylinders

Distribution System | HyCarrier

Pressure level	Pressure	Size	H2 capacity at 15°C	Water Volume	Total weight (Tare weight + H2 capacity)	Container dimensions	Number of section (According to ADR 6.8)
bar	bar	ft	kg	L	kg	mm	
380	WP[1] (15 °C): 380 MAWP[2](65 °C): 450 Pbmin[3]: 900	10	212 - 228	8,125 - 8,750	5,400 - 5,600	2,991 x 2,550 x 2,742	2
		20	505 - 554	19,375 - 21,250	10,050 - 10,700	6,058 x 2,550 x 2,742	4 - 5
		30	831 - 848	31,875 - 32,500	15,050 - 15,250	9,125 x 2,550 x 2,742	7
		40	1,125 - 1,141	43,125 - 43,750	20,250 - 20,450	12,192 x 2,550 x 2,742	9
		45	1,288 - 1,304	49,375 - 50,000	23,500 - 23,700	13,707 x 2,550 x 2,742	10
300	WP[1] (15 °C): 300 MAWP[2](65 °C): 354 Pbmin[3]: >750	10	174 - 188	8,125 - 8,750	4,950 - 5,100	2,991 x 2,550 x 2,742	2
		20	415 - 455	19,375 - 21,250	8,900 - 9,450	6,058 x 2,550 x 2,742	4 - 5
		30	683 - 696	31,875 - 32,500	13,200 - 13,350	9,125 x 2,550 x 2,742	7
		40	924 - 938	43,125 -43,750	17,700 - 17,850	12,192 x 2,550 x 2,742	9
		45	1,058 - 1,072	49,375 - 50,000	20,600 - 20,750	13,707 x 2,550 x 2,742	10

[1] Working Pressure | [2] Maximum allowable working pressure | [3] Minimum burst pressure

Specifications:

Cylinder type:	Type 4
Cylinder design:	Full Carbon
Service lifetime:	Unlimited
Inspection standards:	ISO 11623
Container type:	MEGC
Piping:	Stainless steel

Approvals

Cylinders:	Tested according to EN 17339 and approved according TPED (2010/35/EU)
System:	ADR approved and leak tested according to DIN EN 1779 (RID, ADN)
Container	Container according to CSC

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