THE POWER COMPANY

TECHNICAL DATA SHEET

Type no.	SHD PRO 645 03

Article no.	018645030101
Standards	DIN EN 50342-1, 50342-4
Application	Starter battery

Electrical data	
Rated voltage	12V
Rated capacity	145 Ah (K20)
Cold start current	800 A (EN)

Dimensions and weights		
Box	A	
Length max.	514mm	
Width max.	189mm	
Box height max.	195mm	
Total height max.	220mm	
Battery weight	Ca. 37,0 kg (+/- 5 %)	
Electrolyte density		Approx. 1,28 kg/l
Electrolyte		Diluted sulphuric acid
Items/pallet		24
Pallet ID		Euro pallet
Items per layer		8

Features	
Base hold-down	B00
Layout	3
Terminal	1
Separator	PE bag separator with glass nonwoven
Degassing	Battery with central degassing
Flame arrester	Integrated
Performance identification	W4 - C2 - V3 - E3

Maintenance [1])	
Water consumption	W4
Refill water	Distilled or demineralised (DIN 43530)
Self-discharge	Approx. 5 % per month
Charging current	Approx. 1/10 of the rated capacity
Charging voltage [2])	max. 14,4 V

[1]) All the listed values relate to room temperature +25° C
[2]) Recommendation with an external, voltage-regulated charge. Attention: Temperature compensation in case of deviation!

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