

Data TDS „RePower14“

RePower14 Standard						
	XS		S		M	
Material number	631247	631547	631549	631249	631250	631567
Application	VNA-Truck, Reach-Truck					
Dimension length	1223 mm		1223 mm			
Dimension with	355 mm		355 mm			
Dimension hight	784 mm		742 mm			
Weight	939 kg		939 kg			
Cell type / Cathode chemistry	Prismatic / LFP					
Pack configuration	16s4p		15s6p		15s8p	
Nominal Energy (25 °C / 1/3 C discharge)	19.5 kWh		26.5 kWh		35.3 kWh	
Useable energy (25 °C)	15.6 kWh		23.8 kWh		31.8 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	378 Ah		567 Ah		756 Ah	
Nominal voltage (1/3 C)	51.5 V		48.3 V			
End of charge voltage	55.2 V		51.8 V			
End of discharge voltage	44.0 V		41.3 V			
Max continuous charge	400 A		400 A		400 A	
Max peak charge @10 sec	1000 A		1000 A		1000 A	
Max continuous discharge	400 A		400 A		400 A	
Max peak discharge @10 sec	1000 A		1000 A		1000 A	
Temperature range charge	5 °C ... 45 °C		0 °C ... 45 °C			
Temperature range discharge	5 °C ... 45 °C		0 °C ... 45 °C			
Temperature range storage	-35 °C ... 60 °C		-35 °C ... 60 °C			
Humidity	5 % ... 85 %		0 % ... 100 %			
Altitude	≤2,000 m		≤2,000 m			
Protection class	IP54		IP67			
Certification, approvals	UN 38.3; DIN EN 12895; EN 6100-6-4; DIN EN 60529					
Communication	CAN Bus					
Color	RAL7021					
Battery plug	REMA MRC320		REMA MRC320		REMA MRC320	

Data TDS „RePower14“

RePower14 Perform				
	S		M	
Material number	631248	631548	631251	631550
Application	VNA-Truck, Reach-Truck			
Dimension length	1223 mm			
Dimension with	355 mm			
Dimension hight	742 mm			
Weight	939 kg			
Cell type / Cathode chemistry	Prismatic / NMC			
Pack configuration	13s5p		13s7p	
Nominal Energy (25 °C / 1/3 C discharge)	28.6 kWh		40.1 kWh	
Useable energy (25 °C)	22.9 kWh		32.1 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	600 Ah		840 Ah	
Nominal voltage (1/3 C)	47.7 V			
End of charge voltage	53.6 V			
End of discharge voltage	39.0 V			
Max continuous charge	312 A		400 A	
Max peak charge @2 sec	650 A		910 A	
Max continuous discharge	400 A		400 A	
Max peak discharge @2 sec	1000 A		1000 A	
Temperature range charge	-25 °C ... 45 °C			
Temperature range discharge	-28 °C ... 45 °C			
Temperature range storage	-35 °C ... 60 °C			
Humidity	0 % ... 100 %			
Altitude	≤2,000 m			
Protection class	IP67			
Certification, approvals	UN 38.3; DIN EN 12895; EN 6100-6-4; DIN EN 60529			
Communication	CAN Bus			
Color	RAL7021			
Battery plug	REMA MRC320		REMA MRC320	