

Data TDS „RePower05“

RePower05 Standard						
	XS		S		M	
Material number	631518	631154	631156	631520	631157	631521
Application	Forklift, E-Truck					
Dimension length	1028 mm					
Dimension with	708 mm					
Dimension hight	627 mm					
Weight	1210 kg					
Cell type / Cathode chemistry	Prismatic / LFP					
Pack configuration	28s4p		28s6p		28s10p	
Nominal Energy (25 °C / 1/3 C discharge)	33.2 kWh		49.8 kWh		82.9 kWh	
Useable energy (25 °C)	29.9 kWh		44.8 kWh		74.7 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	378 Ah		567 Ah		945 Ah	
Nominal voltage (1/3 C)	90.2 V					
End of charge voltage	96.6 V					
End of discharge voltage	77.0 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	0 °C ... 45 °C					
Temperature range discharge	0 °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	Schaltbau 320/400	REMA MRC320	Schaltbau 320/400	REMA MRC320	Schaltbau 320/400

Data TDS „RePower05“

RePower05 Perform						
	XS		S		M	
Material number	631153	631517	631155	631519	631158	631522
Application	Forklift, E-Truck					
Dimension length	1028 mm					
Dimension with	708 mm					
Dimension hight	627 mm					
Weight	1210 kg					
Cell type / Cathode chemistry	Prismatic / NMC					
Pack configuration	24s3p		24s5p		24s9p	
Nominal Energy (25 °C / 1/3 C discharge)	31.7 kWh		52.8 kWh		95.1 kWh	
Useable energy (25 °C)	25.4 kWh		42.3 kWh		76.1 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	360 Ah		600 Ah		1080 Ah	
Nominal voltage (1/3 C)	88.1 V					
End of charge voltage	98.9 V					
End of discharge voltage	72.0 V					
Max continuous charge	187 A		312 A		400 A	
Max peak charge @2 sec	390 A		650 A		1000 A	
Max continuous discharge	304 A		400 A		400 A	
Max peak discharge @2 sec	850 A		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	Schaltbau 320/400	REMA MRC320	Schaltbau 320/400	REMA MRC320	Schaltbau 320/400