

Data TDS „RePower07“

RePower07 Standard						
	XS		S		M	
Material number	631511	631188	631513	631190	631523	631191
Application	Forklift, E-Truck					
Dimension length	1028 mm					
Dimension with	999 mm					
Dimension hight	724 mm					
Weight	2178 kg					
Cell type / Cathode chemistry	Prismatic / LFP					
Pack configuration	28s5p		28s8p		28s14p	
Nominal Energy (25 °C / 1/3 C discharge)	41.5 kWh		66.4 kWh		116.1 kWh	
Useable energy (25 °C)	37.3 kWh		59.7 kWh		104.5 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	472 Ah		756 Ah		1323 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 „RePower07“

RePower07 Perform						
	XS		S		M	
Material number	631510	631187	631512	631189	631192	631524
Application	Forklift, E-Truck					
Dimension length	1028 mm					
Dimension with	999 mm					
Dimension hight	720 mm					
Weight	2178 kg					
Cell type / Cathode chemistry	Prismatic / NMC					
Pack configuration	24s4p		24s7p		24s12p	
Nominal Energy (25 °C / 1/3 C discharge)	42.3 kWh		74.0 kWh		126.8 kWh	
Useable energy (25 °C)	33.8 kWh		59.2 kWh		101.5 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	480 Ah		840 Ah		1440 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	249 A		400 A		400 A	
Max peak charge @2 sec	520 A		910 A		1000 A	
Max continuous discharge	400 A		400 A		400 A	
Max peak discharge @2 sec	1000 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