

Data TDS „RePower13“

RePower13 Standard		
	XS	
Material number	631245	631546
Application	VNA-Truck, Reach-Truck	
Dimension length	1223 mm	
Dimension with	283 mm	
Dimension hight	742 mm	
Weight	750 kg	
Cell type / Cathode chemistry	Prismatic / LFP	
Pack configuration	15s3p	
Nominal Energy (25 °C / 1/3 C discharge)	13.2 kWh	
Useable energy (25 °C)	11.9 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	283 Ah	
Nominal voltage (1/3 C)	48.3 V	
End of charge voltage	51.8 V	
End of discharge voltage	41.3 V	
Max continuous charge	400 A	
Max peak charge @10 sec	1000 A	
Max continuous discharge	400 A	
Max peak discharge @10 sec	737 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

Data TDS „RePower13“

RePower13 Perform		
	XS	
Material number	631545	631246
Application	VNA-Truck, Reach-Truck	
Dimension length	1223 mm	
Dimension with	283 mm	
Dimension hight	742 mm	
Weight	750 kg	
Cell type / Cathode chemistry	Prismatic / NMC	
Pack configuration	13s3p	
Nominal Energy (25 °C / 1/3 C discharge)	17.2 kWh	
Useable energy (25 °C)	13.7 kWh	
Nominal capacity (25 °C / 1/3 C discharge)	360 Ah	
Nominal voltage (1/3 C)	47.7 V	
End of charge voltage	53.5 V	
End of discharge voltage	39.0 V	
Max continuous charge	187,2 A	
Max peak charge @2 sec	390 A	
Max continuous discharge	240 A	
Max peak discharge @2 sec	600 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