

RES 4.2 - LMN 51,8V 80Ah

Cod. 3023269

BATTERY	Li-Ion
MECHANICAL CHARACTERISTICS	
DIMENSIONS (mm)	506 x 443 x 143
WEIGHT (Kg)	40

ELECTRICAL CHARACTERISTICS	
NOMINAL VOLTAGE (V)	51,8
MAXIMUM VOLTAGE (V)	58,8
MINIMUM VOLTAGE (V)	40,6
CAPACITY (Ah) @ 1C 25°C	80
NOM. DISCHARGE CURRENT (A)	80
MAX DISCHARGE CURRENT – 2s (A)	160
NOMINAL CHARGE CURRENT (A)	40
MAX CHARGE CURRENT – 2s (A)	80

ELECTRICAL CONNECTIONS	
COMMUNICATION PROTOCOL	CanOpen
ELECTRICAL POWER CONNECTION	M8 SCREWS

OPERATING CONDITIONS	
OPERATING TEMPERATURE (°C)	-20°C/55°C
CHARGING TEMPERATURE (°C)	0°C/45°C
STORAGE TEMPERATURE (°C)	-10°C/35°C
MAX. HUMIDITY (no condensation)	95%
MAXIMUM ALTITUDE (m)	2000
CYCLES @ 80%DoD 25°C	3000
CALENDAR LIFE (Years)	10

COMPLIANCE:	
QUALITY STANDARDS	UNI EN ISO 9001:2008
DIRECTIVES	2014/30/EU, 2006/66/CE
UN	UN 38.3
EMC	CEI EN 61000-6-2:2006, CEI EN 61000-6-3:2007/A1:2013
STANDARDS	IEC 62619:2017

