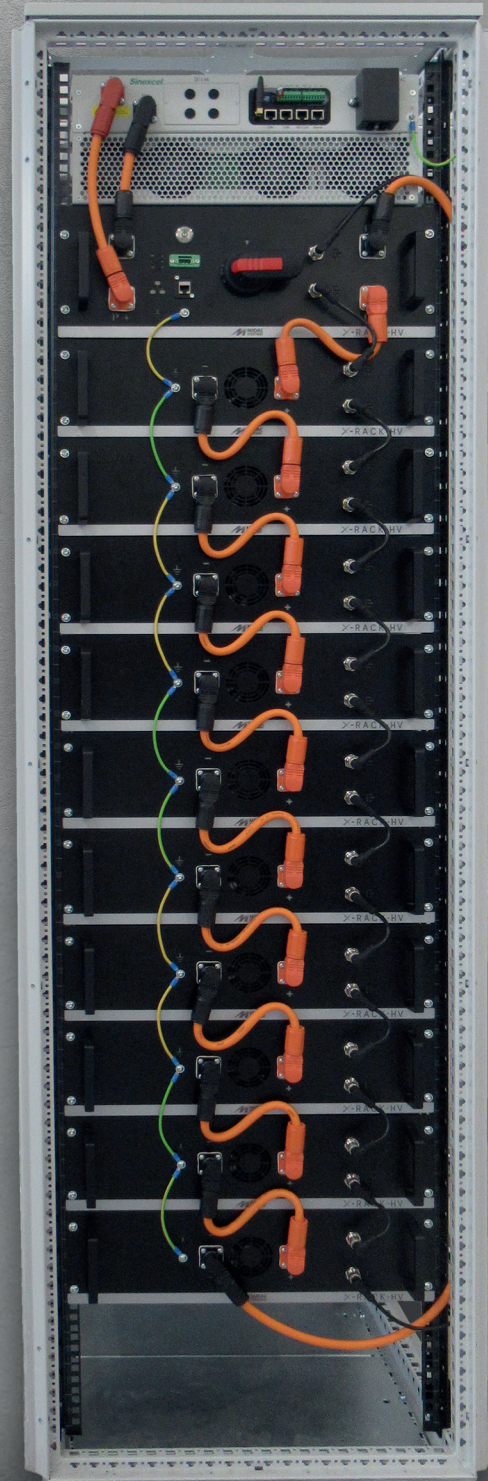




X-RACK



BES X-RACK LFP 512V 100Ah

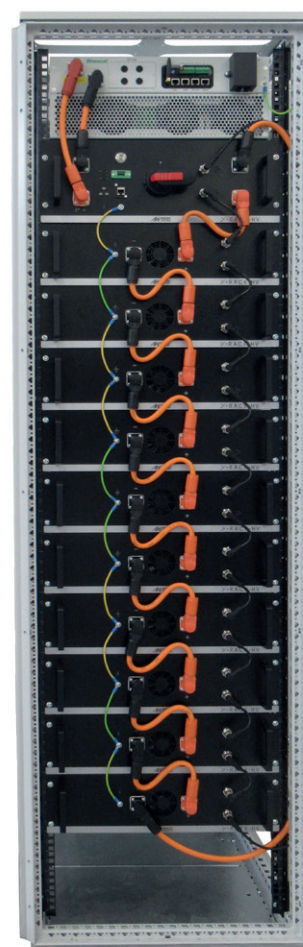
Cod. 3024596

CELL	Li-Ion
CHEMISTRY	LFP
MECHANICAL CHARACTERISTICS	
DIMENSIONS LxWxH (mm)	600 x 800 x 2000
WEIGHT (Kg)	1600
BATTERY TRAY COLOUR	Black
LID COLOUR	Black

ELECTRICAL CHARACTERISTICS	
NOMINAL VOLTAGE (V)	512,0
MAXIMUM VOLTAGE (V)	576,0
MINIMUM VOLTAGE (V)	448,0
CAPACITY (Ah)	100
ENERGY (kWh)	51,20
NOM. DISCHARGE CURRENT (A)	70
MAX. DISCHARGE CURRENT (A)	100
NOM. CHARGE CURRENT (A)	50
MAX. CHARGE CURRENT (A)	100

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, 70% residual capacity	6000
CALENDAR LIFE (Years)	10
IP RATING	21

COMPLIANCE:	
QUALITY STANDARDS	UNI EN ISO 9001:2008
DIRECTIVES	2014/30/EU, 2011/65/CE, 2006/66/CE
CERTIFICATIONS	IEC 62619:2017 UN 38.3 RoHS
EMC	EN 61000-6-2 EN 61000 6-4



ELECTRICAL CONNECTIONS	
ELECTRICAL POWER CONNECTION	Tool Free
SERIES CONN.	1+1

SIGNAL CONNECTION	
COMMUNICATION PORT	CANBUS