

TECHNICAL DATA

MICROPOWER SC13 LI-CAN 24V/45A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	VF2310
Model	Micropower SC13-LI-CAN
Type	24V/45A

MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	45
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	6,5
Recommended supply fuse [A]	10
Supply cable area	3x1,0 mm ²
Supply cable length [m]	2,3
Typical Supply Connector	IEC C14/CEE17
Output cable cross-section	10 mm ²

BATTERY CONNECTION

Output cable cross-section	10 mm ²
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	24

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	1462
Apparent Power Consumption [VA]	1492

Power Factor	0,98
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	91

PROPERTIES

Ingress protection	IP20
Ambient temperature range (at full output power) [deg C]	-5 to +40
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Fuse
Cabinet Type	A50
Certifications	CE
HMI	LED
HMI Language	-
Reporting	Yes
Radio Communication	No
Charging Curve Set	BMS contol
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	260
8 Hours cap.ah/5h	375
10 Hours cap.ah/5h	500
12 Hours cap.ah/5h	

CHARGER DIMENSIONS

Weight excl. cables [kg]	2
Weight incl. cables [kg]	3
Outer Dimensions Height [mm]	333

Outer Dimensions Width [mm]	150
Outer Dimensions Depth [mm]	103
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	4
Box Height [mm]	135
Box Width [mm]	290
Box Depth [mm]	390

CHARGING

Charging Ionic	-
Charging Standard	-
Charging Gel	-
Charging Li-Ion	CAN bus, external BMS
Charging AGM	-
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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