

TECHNICAL DATA

MICROPOWER ST130 LI 36V/300A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LV3769-B1
Model	Micropower ST130
Type	36V/300A

MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	300
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	21.4
Recommended supply fuse [A]	25
Supply cable area	4x4 mm ²
Supply cable length [m]	2.5
Typical Supply Connector	CEE32
Output cable cross-section	4/0 AWG

BATTERY CONNECTION

Output cable cross-section	4/0 AWG
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	36

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	14091
Apparent Power Consumption [VA]	14833

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	93

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]	50
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	
Cabinet Type	A19
Certifications	CE
HMI	
HMI Language	
Reporting	No
Radio Communication	No
Charging Curve Set	
I/O-cards	
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h

8 Hours cap.ah/5h

10 Hours cap.ah/5h

12 Hours cap.ah/5h

CHARGER DIMENSIONS

Weight excl. cables [kg]	18
Weight incl. cables [kg]	26.6
Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	29
Box Height [mm]	425
Box Width [mm]	380
Box Depth [mm]	690

CHARGING

Charging Ionic

Charging Standard

Charging Gel

Charging Li-Ion

Charging AGM

Moisture Resistance No

Dusty Environment No

Outdoor use No

Cold store No

Tropical No

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