

TECHNICAL DATA

MICROPOWER ST130 LI 48V/220A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LV4669-B1
Model	Micropower ST130
Type	48V/220A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	220
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	20.5
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	95 mm ²
BATTERY CONNECTION	
Output cable cross-section	95 mm ²
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	13508
Apparent Power Consumption [VA]	14219

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	95

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]	25.8
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]	28
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

The information in this document is subject to change without notice and should not be construed as a commitment by Micropower Group AB.