

## TECHNICAL DATA

# MICROPOWER ST130 PB 48V/220A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	AV4669-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 <sup>2</sup>
Supply cable length [m]	2.5
Typical Supply Connector	CEE32
Output cable cross-section	95 mm <sup>2</sup>
BATTERY CONNECTION	
Output cable cross-section	95 mm <sup>2</sup>
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.*