MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ECOPOINT 48V/100A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	48V/100A-1
Model	Ecopoint
Type	48V/100A

MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	100
Number of phases	1
Rated Voltage range [V]	600-719
Current at nominal voltage [A]	36/31.2
Recommended supply fuse [A]	
Supply cable area	
Supply cable length [m]	
Typical Supply Connector	
Output cable cross-section	

BATTERY CONNECTION

Output cable cross-section	
Output cable terminals (in unit)	
Output cable length [m]	
Typical Output connector	
Output Voltage [V]	48

ELECTRIC DATA

Standby Power Consumption [W]	
Power Consumption [W]	
Apparent Power Consumption [VA]	

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

PROPERTIES

Ingress protection	
Operation Temperature [deg C]	
Ambient max temp (with reduced output power) [deg C]	
Cooling	
Short Circuit Protection	
Wrong Polarity Protection	
Cabinet Type	
Certifications	
HMI	
HMI Language	
Reporting	No
Radio Communication	No
Charging Curve Set	
I/O-cards	
CE	No
UL	Yes

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]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	

Outer Dimensions Width [mm]	
Outer Dimensions Depth [mm]	
Min Spacing Required	

SHIPPING DIMENSIONS

Shipping Weight [kg]	74.3891
Box Height [mm]	
Box Width [mm]	
Box Depth [mm]	

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.

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