MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ECOPOINT 48V/120A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	48V/120A-3
Model	Ecopoint
Type	48V/120A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	120
Mains Phase	3
Input Voltage [V]	208/240/480/600
Max Mains Current (at nominal mains V) [A]	23.5/20.4/10.2/8.2
Recommended Mains Fuse [A]	
Mains Cable Area [mm2]	
Mains Cable Length [m]	
Mains Connector	
Battery Cable [mm2]	
BATTERY CONNECTION	
Battery Cable [mm2]	
Battery Cable Connection (in charger)	
Battery Cable Length [m]	
Battery Connector (not included)	
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	
Power Consumption [W]	
Apparent Power Consumption [VA]	

Power Factor	
Inrush Current [A]	
Output Ripple	
Efficiency (at rated power and no cables) [%]	

PROPERTIES

IP Protection	
Operation Temperature [deg C]	
Ambient Max Temperature (with reduced capacity) [deg C]	
Cooling	
Short Circuit Protection	
Wrong Polarity Protection	
Cabinet Type	
Certifications	
HMI	
HMI Language	
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	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

Charger Weight excl. Cables [kg]	
Charger Weight incl. Cables [kg]	
Outer Dimensions Height [mm]	

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

SHIPPING DIMENSIONS

Shipping Weight [kg]	102.058
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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