MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ACCESS 100 36V/130A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	AR3481
Model	ACCESS 100
Type	36V/130A
MAINS DATA (50/60HZ)	
Output Voltage [V]	36
Output Current [A]	130
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	9.4
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	50 mm2
BATTERY CONNECTION	
Output cable cross-section	50 mm2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	36
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	6178
Apparent Power Consumption [VA]	6503

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92

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	A17
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]	14
Weight incl. cables [kg]	18
Outer Dimensions Height [mm]	417

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	243
Min Spacing Required	Se User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	21
Box Height [mm]	465
Box Width [mm]	365
Box Depth [mm]	525

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