

TECHNICAL DATA

ACCESS 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER	R STANDARD
Part number	MA4486
Model	ACCESS 100
	48V/130A
Type	46V/13UA
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	130
Number of phases	3
Rated Voltage range [V]	480-480
Current at nominal voltage [A]	10,3
Recommended supply fuse [A]	16
Supply cable area	4xAWG14
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG1/0
BATTERY CONNECTION	
Output cable cross-section	2xAWG1/0
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	8124
Apparent Power Consumption [VA]	8552

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Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	4
Efficiency (at rated power and no cables) [%]	93
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	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	A18
Certifications	UL
HMI	LED / Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	Yes
Charging Curve Set	Multiple
I/O-cards	Optional
CE	No
UL	No
CHARGING TIMES	
6 Hours cap.ah/5h	746
8 Hours cap.ah/5h	1083
10 Hours cap.ah/5h	1446
12 Hours cap.ah/5h	1735
CHARGER DIMENSIONS	
Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	529

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	243
Min Spacing Required	300
SHIPPING DIMENSIONS	
Shipping Weight [kg]	22
Box Height [mm]	440
Box Width [mm]	370
Box Depth [mm]	650
CHARGING	
Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-lon	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No