

TECHNICAL DATA

ACCESS 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	MA4426
Model	ACCESS 100
Type	48V/100A

MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	480-480
Current at nominal voltage [A]	7,9
Recommended supply fuse [A]	10
Supply cable area	4xAWG14
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG2

BATTERY CONNECTION

Output cable cross-section	2xAWG2
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]	6247
Apparent Power Consumption [VA]	6576

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	<1
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	574
8 Hours cap.ah/5h	833
10 Hours cap.ah/5h	1112
12 Hours cap.ah/5h	1334

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]	21
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-Ion	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No