

## **TECHNICAL DATA**

## ACCESS 100 48V/100A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD	
Part number	AS4424
Model	ACCESS 100
Туре	48V/100A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	440-440
Current at nominal voltage [A]	8.6
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	35 mm2
BATTERY CONNECTION	
Output cable cross-section	35 mm2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	6247
Apparent Power Consumption [VA]	6576

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Intrash current, do not tripp fuse of class [A] 8 Coutput Ripple 45 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 Convection Yes  Wrong Polarity Protection Yes  Wrong Polarity Protection CE  HMI Language Reporting No Radio Communication No  Charging Curve Set  UC -cards  EE Yes  UL No  CHARGING TIMES  6 Hours capah/5h  10 Hours capah/5h  112 Hours capah/5h  12 Hours capah/5h  12 Hours capah/5h  CHARGER DIMENSIONS	
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 Yes Wrong Polarity Protection Yes Wrong Polarity Protection Cabinet Type A18 Certifications CE HIMI HIMI Language Reporting No Charging Curve Set  1/O-cards CE UL No CHARGING TIMES 6 Hours capah/5h 8 Hours capah/5h 10 Hours capah/5h 10 Hours capah/5h 10 Hours capah/5h	
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	
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 .Yes Whong Polarity Protection .Yes Whong Polarity Protection .Cabinet Type .A18 Certifications .CE HMI HMI Language Reporting .No Charging Curve Set  I/O-cards CE .Yes UL .No CHARGING TIMES 6 Hours capah/5h 6 Hours capah/5h 10 Hours capah/5h 10 Hours capah/5h 10 Hours capah/5h	
Ambient temperature range (at full output power) [deg C] .5 to +40  Ambient max temp (with reduced output power) [deg C] .50  Cooling	
Ambient max temp (with reduced output power) [deg C]  Cooling  Convector  Short Circuit Protection  Wrong Polarity Protection  Cabinet Type  A18  Certifications  CE  HMI  HMI Language  Reporting  No  Charging Curve Set  U/O-cards  CE  UL  CHARGING TIMES  6 Hours cap.ah/5h  8 Hours cap.ah/5h  12 Hours cap.ah/5h	
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Cabinet Type A18 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  10 Hours cap.ah/5h  11 Hours cap.ah/5h	
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  10 Hours cap.ah/5h  11 Hours cap.ah/5h	
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CHARGING TIMES  6 Hours cap.ah/5h  8 Hours cap.ah/5h  10 Hours cap.ah/5h  12 Hours cap.ah/5h	
6 Hours cap.ah/5h 8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	
8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	
10 Hours cap.ah/5h 12 Hours cap.ah/5h	
12 Hours cap.ah/5h	
CHARGER DIMENSIONS	
Weight excl. cables [kg] 16	
Weight incl. cables [kg] 19	
Outer Dimensions Height [mm] 529	

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	244
Min Spacing Required	Se User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	22
Box Height [mm]	650
Box Width [mm]	370
Box Depth [mm]	440
CHARGING	
Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-lon	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No