

## **TECHNICAL DATA**

## ACCESS 100 48V/130A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD	STATED DATA ACCORDING TO MICROPOWER STANDARD		
Part number	AR4481		
Model	ACCESS 100		
Туре	48V/130A		
MAINS DATA (50/60HZ)			
Output Voltage [V]	48		
Output Current [A]	130		
Number of phases	3		
Rated Voltage range [V]	380-415		
Current at nominal voltage [A]	12.4		
Recommended supply fuse [A]	16		
Supply cable area	4x2,5 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]	48		
ELECTRIC DATA			
Standby Power Consumption [W]	< 10		
Power Consumption [W]	8124		
Apparent Power Consumption [VA]	8552		

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Internation of tripp fiese of class [A] content [A] co	Power Factor	0.95
PROPERTIES  Ingress protection Production Professional Profession Procession Professional Profes	Inrush current, do not tripp fuse of class [A]	В
Ingress protection #20 Ambient temperature range (at full output power) [deg C] 50 Ambient max temp (with reduced output power) [deg C] 50 Cooling 60 Cooling 70 Cool	Output Ripple	<5
Ingress protection   IP20   Annibient temperature range (at full output power) [deg C]   5to 440   Annibient max temp (with reduced output power) [deg C]   50   Cooling   Cemection   Ves   Wrong Pelarity Protection   Ves   Wrong Pelarity Protection   IP20   Cartifications   CE   Certifications   CE   Certifications   CE   Certifications   Ves   Certifications   Ves	Efficiency (at rated power and no cables) [%]	93
Ambient temperature range (at full output power) [deg C] 50 colling 50 convection 50 colling 50 convection 70 yes 50 colling 50 yes 5	PROPERTIES	
Ambient max temp (with reduced output power) [deg C] 50 Cooling Correction Yes Wrong Polarity Protection Y70 Carbinet Type AT7 Certifications CE HMI HMI Language Reporting No No Radio Communication No Charging Curve Set U.O cards  CE U.C Yes U.L	Ingress protection	IP20
Cooling Short Circuit Protection Virong Polarity Protection Cabinet Type A17 Cortifications Circuit Factors Continuations Circuit Factors Circ	Ambient temperature range (at full output power) [deg C]	-5 to +40
Short Circuit Protection         Yes           Wrong Polarity Protection         A17           Cartifications         CE           HMI	Ambient max temp (with reduced output power) [deg C]	50
Wrong Polarity Protection         A17           Certifications         CE           HMI	Cooling	Convection
Cabinet Type         A17           Certifications         CE           HMI         Image:	Short Circuit Protection	Yes
Certifications       CE         HMI Language         Reporting       No         Radio Communication       No         Charging Curve Set         I/O-cards         CE       Yes         UL       No         CHARGING TIMES         6 Hours capah/5h         8 Hours capah/5h         12 Hours capah/5h         CHARGER DIMENSIONS         Weight incl. cables [kg]       14         Weight incl. cables [kg]       14         Weight incl. cables [kg]       14	Wrong Polarity Protection	
HMI Language         Reporting       No         Radio Communication       No         Charging Curve Set       Ves         U/O-cards       Yes         UL       No         CHARGING TIMES         6 Hours capa.h/5h       Ves         10 Hours capa.h/5h       Ves         12 Hours capa.h/5h       Ves         CHARGER DIMENSIONS         Weight incl. cables [kg]       14         Weight incl. cables [kg]       18	Cabinet Type	A17
HMI Language         Reporting       No         Radio Communication       No         Charging Curve Set       Ves         I/O-cards       Yes         UL       No         CHARGING TIMES         6 Hours capah/5h       Ves         10 Hours capah/5h       Ves         12 Hours capah/5h       Ves         CHARGER DIMENSIONS         Weight excl. cables [kg]       14         Weight incl. cables [kg]       18	Certifications	CE
Reporting Redic Communication Rodic Communication Rodic Communication Rodic Communication Rodic Curve Set  I/O-cards  CE Rodic Communication Rodic Curve Set R	НМІ	
Radio Communication No Charging Curve Set  I/O-cards  CE Ves UL CHARGING TIMES CHARGING TIMES  8 Hours capah/5h  10 Hours capah/5h  CHARGER DIMENSIONS  Weight excl. cables [kg] No	HMI Language	
Charging Curve Set         I/O-cards       Yes         CE       No         CHARGING TIMES         6 Hours cap.ah/5h	Reporting	No
I/O-cards         CE       Yes         UL       No         CHARGING TIMES         6 Hours cap.ah/5h	Radio Communication	No
CE       Yes         UL       No         CHARGING TIMES         6 Hours cap.ah/5h       Feet Transmission S         10 Hours cap.ah/5h         CHARGER DIMENSIONS         Weight excl. cables [kg]       14         Weight incl. cables [kg]       18	Charging Curve Set	
UL       No         CHARGING TIMES         6 Hours cap.ah/5h       -         8 Hours cap.ah/5h       -         10 Hours cap.ah/5h       -         CHARGER DIMENSIONS         Weight excl. cables [kg]       14         Weight incl. cables [kg]       18	I/O-cards	
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	CE	Yes
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	UL	No
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	CHARGING TIMES	
10 Hours cap.ah/5h  12 Hours cap.ah/5h  CHARGER DIMENSIONS  Weight excl. cables [kg]  14  Weight incl. cables [kg]  18	6 Hours cap.ah/5h	
12 Hours cap.ah/5h  CHARGER DIMENSIONS  Weight excl. cables [kg] 14  Weight incl. cables [kg] 18	8 Hours cap.ah/5h	
CHARGER DIMENSIONS  Weight excl. cables [kg] 14  Weight incl. cables [kg] 18	10 Hours cap.ah/5h	
Weight excl. cables [kg] 14 Weight incl. cables [kg] 18	12 Hours cap.ah/5h	
Weight incl. cables [kg] 18	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	14
Outer Dimensions Height [mm] 417	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-lon	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No