

TECHNICAL DATA

ACCESS 100 48V/130A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER S	
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

Printout date: 2025-07-19

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 Annibient max temp (with reduced output power) [deg C] Ves Wrong Pelarity Protection Ves Wrong Pelarity Protection IP20 Cartifications CE Wrong Pelarity Protection Ves Wrong Pelarity	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 Reduction No Charging Curve Set I/O-cards CE Yes UL No CHARGING TIMES 6 Hours capah/5h B Hours capah/5h 12 Hours capah/5h CHARGER DIMENSIONS Weight excl. 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	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