

TECHNICAL DATA

ACCESS 100 48V/100A BATTERY CHARGERS

Part number Model Type MAINS DATA (50/60HZ) Output Voltage [V] Output Current [A] Number of phases Rated Voltage range [V] Current at nominal voltage [A]	AR4421 ACCESS 100 48V/100A
Type MAINS DATA (50/60HZ) Output Voltage [V] Output Current [A] Number of phases Rated Voltage range [V]	
MAINS DATA (50/60HZ) Output Voltage [V] Output Current [A] Number of phases Rated Voltage range [V]	48V/100A
Output Voltage [V] Output Current [A] Number of phases Rated Voltage range [V]	
Output Current [A] Number of phases Rated Voltage range [V]	
Number of phases Rated Voltage range [V]	48
Rated Voltage range [V]	100
	3
Current at nominal voltage [A]	380-415
	9.5
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]	
Apparent Power Consumption [VA]	6247

Printout date: 2025-02-03

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	В
Output Ripple	<5
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
Short Circuit Protection	Yes
Wrong Polarity Protection	
Cabinet Type	A17
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	
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]	17
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]	20
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