

TECHNICAL DATA

MICROPOWER ST 100 PB 90V/90A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	AX7409-3073
Model	ST100
Type	90V/90A

MAINS DATA (50/60HZ)	
Output Voltage [V]	90
Output Current [A]	90
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	15.1
Recommended supply fuse [A]	16
Supply cable area	4x2.5 mm ²
Supply cable length [m]	12.5
Typical Supply Connector	CEE16
Output cable cross-section	35 mm ²

BATTERY CONNECTION	
Output cable cross-section	35 mm ²
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	90

ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	9928
Apparent Power Consumption [VA]	10450

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	96

PROPERTIES

Ingress protection	IP20
Operation Temperature [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	A19
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]	18
Weight incl. cables [kg]	26.1
Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	24
Box Height [mm]	425
Box Width [mm]	380
Box Depth [mm]	690

CHARGING

Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-Ion	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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