

TECHNICAL DATA

MICROPOWER ST50 LI 48V/80A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER	R STANDARD
Part number	LN4389
Model	Micropower ST50
Туре	48V/80A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	80
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	7.6
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	25 mm2
BATTERY CONNECTION	
Output cable cross-section	25 mm2
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	5003
Apparent Power Consumption [VA]	5266

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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	IP21
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	Fuse
Cabinet Type	A24
Certifications	CE
HMI	LED/Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	Yes
Charging Curve Set	Lithium CAN
I/O-cards	CAN/Detect
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]	9
Weight incl. cables [kg]	11
Outer Dimensions Height [mm]	338

Outer Dimensions Width [mm]	335
Outer Dimensions Depth [mm]	239
Min Spacing Required	User manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	13
Box Height [mm]	350
Box Width [mm]	380
Box Depth [mm]	530
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