

TECHNICAL DATA

MICROPOWER ST60 LI BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	
Model	Micropower ST60
Type	80V/60A
MAINS DATA (50/60HZ)	
Output Voltage [V]	80
Output Current [A]	60
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	9,3
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm ²
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	16 mm ²
BATTERY CONNECTION	
Output cable cross-section	16 mm ²
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	80
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	6101
Apparent Power Consumption [VA]	6422

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	95

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	Fan
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]	10
Outer Dimensions Height [mm]	338

Outer Dimensions Width [mm]	335
Outer Dimensions Depth [mm]	239
Min Spacing Required	See 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-Ion	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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