

## TECHNICAL DATA

# MICROPOWER SC6 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	V4224
Model	Micropower SC6
Type	24V/20A

### MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	20
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	2,6
Recommended supply fuse [A]	10
Supply cable area	3x1,0
Supply cable length [m]	2,3
Typical Supply Connector	IEC C14
Output cable cross-section	2x6

### BATTERY CONNECTION

Output cable cross-section	2x6
Output cable terminals (in unit)	M5
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	24

### ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	642
Apparent Power Consumption [VA]	655

Power Factor	0,98
Inrush current, do not tripp fuse of class [A]	<30
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	91

## 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]	55
Cooling	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	D1
Certifications	
HMI	LED
HMI Language	-
Reporting	Yes
Radio Communication	No
Charging Curve Set	10-06, 10-18, 20-09, 10-04
I/O-cards	No
CE	Yes
UL	No

## CHARGING TIMES

6 Hours cap.ah/5h	115
8 Hours cap.ah/5h	165
10 Hours cap.ah/5h	220
12 Hours cap.ah/5h	

## CHARGER DIMENSIONS

Weight excl. cables [kg]	2.7
Weight incl. cables [kg]	4.2
Outer Dimensions Height [mm]	333

Outer Dimensions Width [mm]	150
Outer Dimensions Depth [mm]	103
Min Spacing Required	100

## SHIPPING DIMENSIONS

Shipping Weight [kg]	5.4
Box Height [mm]	370
Box Width [mm]	250
Box Depth [mm]	135

## CHARGING

Charging Ionic	LK-10-18
Charging Standard	LK10-06
Charging Gel	LK20-09
Charging Li-Ion	-
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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