

## TECHNICAL DATA

# MICROPOWER SQ30 PB 24V/100A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SN2429
Model	Micropower SQ30
Type	24V/100A

#### MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	4.8
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm <sup>2</sup>
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	35 mm <sup>2</sup>

#### BATTERY CONNECTION

Output cable cross-section	35 mm <sup>2</sup>
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	24

#### ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	3185
Apparent Power Consumption [VA]	3352

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92

## 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
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06,18 & 20-10
I/O-cards	Optional
CE	Yes
UL	No

## CHARGING TIMES

6 Hours cap.ah/5h	574
8 Hours cap.ah/5h	833
10 Hours cap.ah/5h	1112
12 Hours cap.ah/5h	1334

## CHARGER DIMENSIONS

Weight excl. cables [kg]	9
Weight incl. cables [kg]	12
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]	14
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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