

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 ²
Supply cable length [m]	3
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)	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

The information in this document is subject to change without notice and should not be construed as a commitment by Micropower E.D. Marketing AB.