

TECHNICAL DATA

MICROPOWER SQ30 PB 48V/60A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SN4349
Model	Micropower SQ30
Type	48V/60A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	60
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	5.7
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]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	3755
Apparent Power Consumption [VA]	3952

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
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
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06,18 & 20-18
I/O-cards	Optional
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	344
8 Hours cap.ah/5h	500
10 Hours cap.ah/5h	667
12 Hours cap.ah/5h	800

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	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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