

TECHNICAL DATA

MICROPOWER SL280 PB 48V/480A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	Micropower SL280
DC Rating	48.0V/480A
Part number	DE4949
Model code	1A5B423
Part status	Released

SUPPLY

Number of phases	3
Rated Voltage range [V]	380-440
Nominal Voltage [V]	400.0
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	47.0
Current at min rated voltage [A]	47,0
Current at max rated voltage [A]	44,7
Recommended supply fuse class	C
Recommended RCCB class	A
Supply cable area	4x10 mm2
Supply cable length [m]	> 2,5
Typical Supply Connector	CEE63
Standby Power Consumption [W]	< 10
Power Consumption [W]	29547
Apparent Power Consumption [VA]	30906
Power Factor	0.95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	93.0

OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	48.0
Output Current [A]	480
Output cable cross-section	95 (x2) mm ²
Output cable length [m]	3.0
Output cable terminals (in unit)	M8
Typical Output connector	2xDIN320
Output fuse, rating [A/VDC]	3x200A/150VDC
Output fuse type	Fast Semiconductor fuse

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]	50.0
Ambient storage and transport temperature [C]	-40 to +80/1000h
Maximum operating altitude [m]	2000.0
Maximum humidity, non-condensing [%rh]	90.0
Cooling	Convection
Cabinet Type	B4
Certifications	CE
Cloud connection	Yes
User interface	LED / Display
Charging Curve Set	Multiple Lead
I/O-cards	Remote Start/Stop
Reporting	Yes
Radio communication	Yes

CHARGER DIMENSIONS

Weight excl. cables [kg]	64
Charger dimensions [mm]	699x579x520

SHIPPING DIMENSIONS

Box dimensions [mm]	845x800x600
Shipping Weight [kg]	89

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