

TECHNICAL DATA

MICROPOWER SL450 LI 120V/310A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	Micropower SL450
DC Rating	120V/310A
Part number	ED7776
Model code	1A5B4FP
Part status	Released

SUPPLY

Number of phases	3
Rated Voltage range [V]	-
Nominal Voltage [V]	480
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	59.8
Current at min rated voltage [A]	-
Current at max rated voltage [A]	-
Recommended supply fuse class	C
Recommended RCCB class	A
Supply cable area	4xAWG4
Supply cable length [m]	> 2,5
Typical Supply Connector	tbd
Standby Power Consumption [W]	< 10
Power Consumption [W]	47141
Apparent Power Consumption [VA]	49622
Power Factor	0.95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	95

OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	120
Output Current [A]	310
Output cable cross-section	2/0 (x2) AWG
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	-
Output fuse, rating [A/VDC]	4x125A/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
Ambient storage and transport temperature [C]	-40 to +80/1000h
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%rh]	90
Cooling	Convection
Cabinet Type	B4
Certifications	UL
Cloud connection	Yes
User interface	LED / Display
Charging Curve Set	Litium Alg or CAN
I/O-cards	CAN/Detect
Reporting	Yes
Radio communication	Yes

CHARGER DIMENSIONS

Weight excl. cables [kg]	75
Charger dimensions [mm]	699x579x520

SHIPPING DIMENSIONS

Box dimensions [mm]	845x800x600
Shipping Weight [kg]	104

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