

TECHNICAL DATA

MICROPOWER SL170 LI 36V/400A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	Micropower SL170
DC Rating	36V/400A
Part number	EB3866
Model code	1A5B2FJ
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]	24.0
Current at min rated voltage [A]	-
Current at max rated voltage [A]	-
Recommended supply fuse class	C
Recommended RCCB class	A
Supply cable area	4xAWG10
Supply cable length [m]	> 2,5
Typical Supply Connector	tbd
Standby Power Consumption [W]	< 10
Power Consumption [W]	18925
Apparent Power Consumption [VA]	19921
Power Factor	0.95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	93

OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	36
Output Current [A]	400
Output cable cross-section	250 KCMIL
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	-
Output fuse, rating [A/VDC]	2x250A/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	B2
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]	42
Charger dimensions [mm]	415x579x520

SHIPPING DIMENSIONS

Box dimensions [mm]	560x800x600
Shipping Weight [kg]	66

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