MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER RO66 PB 96V/60A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	RO66
DC Rating	96V/60A
Part number	S39345-T5
Model code	3A8R3F6
Part status	

SUPPLY

Number of phases	3
Rated Voltage range [V]	380-480
Nominal Voltage [V]	400
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	10.5
Current at min rated voltage [A]	11.1
Current at max rated voltage [A]	8.7
Recommended supply fuse class	C
Recommended RCCB class	B
Supply cable area	4xAWG14
Supply cable length [m]	2.5
Typical Supply Connector	Fixed NEMA L16-20P
Standby Power Consumption [W]	<10
Power Consumption [W]	6875
Apparent Power Consumption [VA]	7237
Power Factor	0.95
Leakage current [mA]	<3.5
Efficiency (at rated power and no cables) [%]	96

OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	96
Output Current [A]	60
Output cable cross-section	AWG2
Output cable length [m]	3
Output cable terminals (in unit)	M6
Typical Output connector	
Output fuse, rating [A/VDC]	160A/150VDC
Output fuse type	Fast Semiconductor fuse

PROPERTIES

Ingress protection	IP66
Operation Temperature [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	55
Ambient storage and transport temperature [C]	-40 to +85
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%]	90
Cooling	Convection
Cabinet Type	-
Certifications	UR
Cloud connection	No
User interface	LED
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	Basic option are integrated
Reporting	No
Radio communication	No

CHARGER DIMENSIONS

Weight excl. cables [kg]	6
Charger dimensions [mm]	403x255x86

SHIPPING DIMENSIONS

Box dimensions [mm]	190x320x610
Shipping Weight [kg]	9.2

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

Micropower Group
Gullhallavägen 20
SE-352 50 Växjö
Sweden

Phone: +46 (0) 470-72 74 00
sales@micropower.se
www.micropower-group.se

Printout date: 2026-09-20