MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER RO66 LI 48V/115A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	RO66
DC Rating	48V/115A
Part number	M34455-T5
Model code	3ANR3F3
Part status	

SUPPLY

Mains Phase	3
Input Voltage [V]	380-480
Nominal Voltage [V]	400
Rated frequency [Hz]	50-60
Max Mains Current (at nominal mains V) [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
Mains Cable Area [mm2]	4xAWG14
Mains Cable Length [m]	2.5
Mains 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]	48
Output Current [A]	115
Battery Cable [mm2]	AWG2
Battery Cable Length [m]	3
Battery Cable Connection (in charger)	M6
Battery Connector (not included)	
Output fuse, rating [A/VDC]	160A/150VDC
Output fuse type	Fast Semiconductor fuse

PROPERTIES

IP Protection	IP66
Operation Temperature [deg C]	-35 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	55
Ambient storage and transport temperature [C]	-40 to +85
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%rh]	90
Cooling	Fan
Cabinet Type	-
Certifications	UL
Cloud connection	No
User interface	LED
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	Basic option are integrated
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	No

CHARGER DIMENSIONS

Charger 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.

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