MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ACCESS 100 48V/165A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	UA4557
Model	Access 100
Type	48V/165A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	165
Mains Phase	3
Input Voltage [V]	600-600
Max Mains Current (at nominal mains V) [A]	10,6
Recommended Mains Fuse [A]	16
Mains Cable Area [mm2]	4xAWG14
Mains Cable Length [m]	3
Mains Connector	Not included
Battery Cable [mm2]	2xAWG1/0
BATTERY CONNECTION	
Battery Cable [mm2]	2xAWG1/0
Battery Cable Connection (in charger)	M8
Battery Cable Length [m]	3
Battery Connector (not included)	User defined
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	10449
Apparent Power Consumption [VA]	10999

Power Factor	0,95
Inrush Current [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	92

PROPERTIES

IP Protection	IP20
Operation Temperature [deg C]	-5 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	50
Cooling	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	A19
Certifications	UL
HMI	LED / Display
HMI Language	SV / EN / ES / PT / DE
Bluetooth/ NFC connectivity	Yes
Remote connectivity & advanced software functions	Yes
Charging Curve Set	Multiple
I/O-cards	Optional
CE	No
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	947
8 Hours cap.ah/5h	1778
10 Hours cap.ah/5h	1834
12 Hours cap.ah/5h	2848

CHARGER DIMENSIONS

Charger Weight excl. Cables [kg]	
Charger Weight incl. Cables [kg]	
Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	300

SHIPPING DIMENSIONS

Shipping Weight [kg]	25
Box Height [mm]	440
Box Width [mm]	370
Box Depth [mm]	560

CHARGING

Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-Ion	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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

Micropower Group
Gulhallavägen 20
SE-352 50 Växjö
Sweden

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