

## **TECHNICAL DATA**

## ACCESS 50 36V/80A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD		
Part number	AP3389	
Model	ACCESS 50	
Туре	36V/80A	
MAINS DATA (50/60HZ)		
Output Voltage [V]	36	
Output Current [A]	80	
Number of phases	3	
Rated Voltage range [V]	380-440	
Current at nominal voltage [A]	5.8	
Recommended supply fuse [A]	10	
Supply cable area	4x1,5 mm2	
Supply cable length [m]	3	
Typical Supply Connector	CEE16	
Output cable cross-section	25 mm2	
BATTERY CONNECTION		
Output cable cross-section	25 mm2	
Output cable terminals (in unit)	M6	
Output cable length [m]	3	
Typical Output connector	DIN80	
Output Voltage [V]	36	
ELECTRIC DATA		
Standby Power Consumption [W]	< 5	
Power Consumption [W]	3805	
Apparent Power Consumption [VA]	4005	

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Introduction of tripp fiee of class [A]         B           Output Ripple         45           Efficiency (at traind power and no cables) [%]         92           PROPERTIES           Buggess protection         IP20           Annibiant temporature range (at full output power) [deg C]         5 to +40           Annibiant max temp (with reduced output power) [deg C]         50           Cooling         Convection           Short Circuit Protection         Yes           Wrong Polarity Protection         Fuse           Ethild         LED/Display           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Reporting         Yes           Reporting         Yes           LOC cards         Optional           CE         Yes           U.C cards         Optional           CE         Yes           U.C cards         Optional           CHARCING TIMES         459           8 Hours capabi/5h         459           8 Hours capabi/5h         459           8 Hours capabi/5h         450           10 Hours capabi/5h         450           10 Hours	Power Factor	0.95
PROPERTIES  Ingress protection   IP20  Analisent temperature range (at full output power) [deg C]   50   40    Analisent temperature range (at full output power) [deg C]   50    Cooling   Convection   Ves    Wrong Polarity Protection   Fusice   Fusice    Cabinet Type   Alfa    Cabinet Type   Alfa    Catinet Type   Alfa	Inrush current, do not tripp fuse of class [A]	В
PROPERTIES           Ingress protection         JP20           Ambient temperature range (at full output power) [deg C]         -5 to -40           Ambient max temp (with reduced output power) [deg C]         50           Cooling         Convection           Wrong Polarity Protection         Yes           Wrong Polarity Protection         A16           Certifications         E.           HMI         LED/Display           HMI Language         SV / EN / ES / FT / DE           Reporting         Yes           Reductor Commitmentation         Yes           Clarging Curve Set         Multiple           UC-cards         Optional           CLARGING TIMES         Yes           8 Hours capabl/5h         459           8 Hours capabl/5h         459           10 Hours capab/5h         387           12 Hours capab/5h         120           CHARGER DIMENSIONS         7	Output Ripple	<5
Ingress protection         IP20           Anabient temperature range (at full output power) [deg C]         5-to -40           Cooling         Convection           Short Circuit Protection         Yes           Wrong Polarity Protection         Flue           Cabinet Type         A16           Certifications         CE           HMI         LED/Display           Reporting         Yes           Reporting         Yes           Reporting         Yes           Radio Communication         Yes           LIC - cards         Optional           CE         Yes           U.C - cards         Optional           CE         Yes           U.C - cards         Optional           CE         Yes           U.C - cards         459           U.C - cards         459           Where sepain/5h         459           10 Hours capain/5h         220           CHARGER DIMENSIONS           Where capai	Efficiency (at rated power and no cables) [%]	92
Ambient temperature range (at full output power) [deg C]         5 to +40           Ambient max temp (with reduced output power) [deg C]         50           Cooling         Convection           Wrong Polarity Protection         Fuse           Cabinet Type         A16           Certifications         CE           HMI         LED/Objuly           HMI Language         SV / EN / ES / FT / DE           Reporting         Yes           Reduce Communication         Yes           Clarging Curve Set         Multiple           UC-arcfs         Optional           CE         Yes           UL         No           CHARGING TIMES           E Hours capal/5h         459           8 Hours capal/5h         887           10 Hours capal/5h         887           12 Hours capal/5h         220           CHARGER DIMENSIONS         7	PROPERTIES	
Ambient max temp (with reduced output power) [deg C]         50           Cooling         Convection           Short Circuit Protection         Yes           Wrong Polarity Protection         Fuse           Cabinet Type         A16           Certifications         CE           HMI         LED/Display           HMI Language         SV FR / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           U.         Yes           U.         No           CHARGING TIMES           6 Hours capah/5h         459           8 Hours capah/5h         887           12 Hours capah/5h         887           12 Hours capah/5h         1220           CHARGER DIMENSIONS	Ingress protection	IP20
Cooling         Convection           Short Circuit Protection         Yes           Wrong Polarity Protection         Fuse           Cabinet Type         A16           Cortifications         CE           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Charging Curve Set         Multiple           U.         Yes           U.         No           CHARGING TIMES         Yes           8 Hours capah/5h         459           8 Hours capah/5h         459           10 Hours capah/5h         887           12 Hours capah/5h         1220           CHARGER DIMENSIONS         Yes	Ambient temperature range (at full output power) [deg C]	-5 to +40
Short Circuit Protection         Yes           Wrong Polarity Protection         fuse           Cabinet Type         A16           Certifications         CE           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           U.         Yes           U.         No           CHARGING TIMES           6 Hours capah/5h         459           8 Hours capah/5h         459           8 Hours capah/5h         665           10 Hours capah/5h         887           12 Hours capah/5h         1220           CHARGER DIMENSIONS           Weight excl. cables (kg)         7	Ambient max temp (with reduced output power) [deg C]	50
Wrong Polarity Protection         Fuse           Cabinet Type         A16           Certifications         CE           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           UL         Yes           UL         No           CHARGING TIMES           6 Hours capall/5h         459           8 Hours capall/5h         665           10 Hours capall/5h         887           12 Hours capall/5h         1220           CHARGER DIMENSIONS         Yes	Cooling	Convection
Cabinet Type         A16           Certifications         CE           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           UC         Yes           UL         No           CHARGING TIMES           6 Hours capal/5h         459           8 Hours capal/5h         665           10 Hours capal/5h         887           12 Hours capal/5h         1220           CHARGER DIMENSIONS           Weight excl. cables [kg]         7	Short Circuit Protection	Yes
Certifications         CE           HMI         LED/Display           HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           U/O-cards         Optional           CE         Yes           UL         No           CHARGING TIMES           6 Hours cap.ah/5h         459           8 Hours cap.ah/5h         665           10 Hours cap.ah/5h         887           12 Hours cap.ah/5h         1220           CHARGER DIMENSIONS         Yes	Wrong Polarity Protection	Fuse
HMI       LED/Display         HMI Language       SV / EN / ES / PT / DE         Reporting       Yes         Radio Communication       Yes         Charging Curve Set       Multiple         I/O-cards       Optional         CE       Yes         UL       No         CHARGING TIMES         6 Hours cap.ah/5h       459         8 Hours cap.ah/5h       665         10 Hours cap.ah/5h       887         12 Hours cap.ah/5h       1220         CHARGER DIMENSIONS         Weight excl. cables [kg]       7	Cabinet Type	A16
HMI Language         SV / EN / ES / PT / DE           Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           I/O-cards         Optional           CE         Yes           UL         No           CHARGING TIMES           8 Hours capah/5h         459           8 Hours capah/5h         665           10 Hours capah/5h         887           12 Hours capah/5h         1220           CHARGER DIMENSIONS           Weight excl. cables [kg]         7	Certifications	CE
Reporting         Yes           Radio Communication         Yes           Charging Curve Set         Multiple           I/O-cards         Optional           CE         Yes           UL         No           CHARGING TIMES           8 Hours capah/5h         459           8 Hours capah/5h         665           10 Hours capah/5h         887           12 Hours capah/5h         1220           CHARGER DIMENSIONS         Yes	НМІ	LED/Display
Radio Communication       Yes         Charging Curve Set       Multiple         I/O-cards       Optional         CE       Yes         UL       No         CHARGING TIMES         6 Hours cap.ah/5h       459         8 Hours cap.ah/5h       665         10 Hours cap.ah/5h       887         12 Hours cap.ah/5h       1220         CHARGER DIMENSIONS         Weight excl. cables [kg]       7	HMI Language	SV / EN / ES / PT / DE
Charging Curve Set  1/O-cards  CE  Ves  UL  CHARGING TIMES  6 Hours cap.ah/5h  8 Hours cap.ah/5h  12 Hours cap.ah/5h  CHARGER DIMENSIONS  Weight excl. cables [kg]  Multiple  Optional  Auditiple  Optional  Auditiple  Optional  Auditiple  Audit	Reporting	Yes
I/O-cards Optional  CE Yes  UL No  CHARGING TIMES  6 Hours cap.ah/5h 459  8 Hours cap.ah/5h 665  10 Hours cap.ah/5h 887  12 Hours cap.ah/5h 1220  CHARGER DIMENSIONS  Weight excl. cables [kg] 7	Radio Communication	Yes
CE       Yes         UL       No         CHARGING TIMES         6 Hours capah/5h       459         8 Hours capah/5h       665         10 Hours capah/5h       887         12 Hours capah/5h       1220         CHARGER DIMENSIONS         Weight excl. cables [kg]       7	Charging Curve Set	Multiple
UL         No           CHARGING TIMES           6 Hours cap.ah/5h         459           8 Hours cap.ah/5h         665           10 Hours cap.ah/5h         887           12 Hours cap.ah/5h         1220           CHARGER DIMENSIONS           Weight excl. cables [kg]         7	I/O-cards	Optional
CHARGING TIMES           6 Hours cap.ah/5h         459           8 Hours cap.ah/5h         665           10 Hours cap.ah/5h         887           12 Hours cap.ah/5h         1220           CHARGER DIMENSIONS           Weight excl. cables [kg]         7	CE	Yes
6 Hours cap.ah/5h 8 Hours cap.ah/5h 665 10 Hours cap.ah/5h 12 Hours cap.ah/5h 12Weight excl. cables [kg] 459 665 887 1220 CHARGER DIMENSIONS 7	UL	No
8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h 1220  CHARGER DIMENSIONS  Weight excl. cables [kg] 7	CHARGING TIMES	
10 Hours cap.ah/5h 887  12 Hours cap.ah/5h 1220  CHARGER DIMENSIONS  Weight excl. cables [kg] 7	6 Hours cap.ah/5h	459
12 Hours cap.ah/5h  CHARGER DIMENSIONS  Weight excl. cables [kg]  7	8 Hours cap.ah/5h	665
CHARGER DIMENSIONS  Weight excl. cables [kg] 7	10 Hours cap.ah/5h	887
Weight excl. cables [kg] 7	12 Hours cap.ah/5h	1220
	CHARGER DIMENSIONS	
Weight incl cables [kg]	Weight excl. cables [kg]	7
	Weight incl. cables [kg]	9
Outer Dimensions Height [mm] 387	Outer Dimensions Height [mm]	387

Outer Dimensions Width [mm]	266
Outer Dimensions Depth [mm]	152
Min Spacing Required	Se User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	10
Box Height [mm]	260
Box Width [mm]	325
Box Depth [mm]	550
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