

TECHNICAL DATA

MICROPOWER SL180 PB 48V/320A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	Micropower SL180
DC Rating	48V/320A
Part number	DB4789
Model code	1A5B203
Part status	Released
SUPPLY	
Number of phases	3
Rated Voltage range [V]	380-440
Nominal Voltage [V]	400
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	29,7
Current at min rated voltage [A]	31,1
Current at max rated voltage [A]	27
Recommended supply fuse class	С
Recommended RCCB class	В
Supply cable area	4x6 mm2
Supply cable length [m]	?2,5
Typical Supply Connector	CEE32
Standby Power Consumption [W]	<3,5
Power Consumption [W]	19638
Apparent Power Consumption [VA]	20542
Power Factor	0,96
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	95

Control Fuse Reversed polarity protection Fuse Short Diracit Protection Yes. Onlput Voltage [V] 48 Output Correct [A] 320 Dirput cable rows-section 4/0 AVMG Output cable rows-section 3 Output cable terminals (in unit) 18 Typical Output connector DINS20 Output nase, rating [A/VDC] 2:200A/ISOV0G Output nase, rating [A/VDC] 2:200A/ISOV0G Output nase, rating [A/VDC] 2:200A/ISOV0G Dutput nase, rating [A/VDC] 2:200A/ISOV0G Dutput nase, rating [A/VDC] 2:200A/ISOV0G Mainent temperature range (af till output power] [dgg C] 51 + 40 Ambient temperature range (af till output power] [dgg C] 50 Ambient temperature range (af till output power] [dgg C] 50 Ambient temperature range (af till output power] [dgg C] 60 Ambient temperature range (af till output power] [dgg C] 60 Ambient temperature range (af till output power] [dgg C] 60 Calinary 60 60 Calinary 60 60 </th <th>OUTPUT DATA</th> <th></th>	OUTPUT DATA	
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darpat Voltage [V] 48 Addpet Current [A] 20 Addpet Current [A] 20 Addpet cable corrents section Addpet cable corrents PCOPERTIES Addpet cable corrents correct Addpet cable corrents correct Addpet cable corrents correct Addpet cable Addpet cable correct Addpet cable Addpet cable correct Addpet cable Addpet Addpet Addpet cable		
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Output cable cross-section 4/0 AWG Dutput cable length (m) 3 Output cable terminals (in unit) M8 Typical Output connector DHX20 Output fiss, rating (AVDG) 2:200A/150VDC Output fiss, rating (AVDG) 5:8 Output fiss, rating (AVDG) 5:8 Ambient starge and transport temperature [0] -5:1:8 Maximum operating allitude [m] 2:0:0:0 Galing Conford Coloid cancetion Cancetion Calinet Type E:2 Claud cancetion Ves Uo-cards Remote Start/Stop Roporti	Output Voltage [V]	48
Output cable length (m) 3 Output cable terminals (in unit) M8 Typical Output connector DINS20 Output tase, rating [AV/DC] 2x200A/150V0C Output tase type Fast Semiconductor fuse PROPERTIES IP21 Ingress protection IP21 Ambient temperature range (at full output power) [deg C] 50 Ambient starage and fransport temperature [C] 40 to +80/1000h Maximum operating altitude [m] 2000 Coling Convection Coling Convection Claud connection Ves Output set tareage LED/Display Claud connection Ves Clau	Output Current [A]	320
Dutput cable terminals (in unit) M8 Typical Dutput connector DIN320 Output tuse, rating (AVDG) 2x200A/150VDG Dutput tuse type Fast Semiconductor fuse PROPERTIES IP21 Ingress protection IP21 Ambient temperature range (at full output power) [deg C] 50 Ambient temperature range (at full output power) [deg C] 50 Ambient storage and transport temperature [C] 40 to -80/1000h Maximum querating altitude [m] 2000 Cooling Canvection Cardination Cardection Citifications CE Citifications CE Citifications LED/Display Charging Carve Set Multiple Lead I/O-cards Remune Start/Stop Reporting Yes	Output cable cross-section	4/0 AWG
Typical Dutput connector DIN320 Output fuse, rating (A/VDC) 2x200A/TSOVDC Output fuse type Fast Semiconductor fuse PROPERTIES IP21 Ingress protection IP21 Ambient temperature range (at full output power) [deg C] 5 to 440 Ambient temperature range (at full output power) [deg C] 50 Ambient storage and transport temperature [C] 40 to +80/1000h Maximum operating altitude [m] 2000 Maximum operating altitude [m] 90 Cooling Convection Cabinet Type E2 Certifications Certifications User interface IED/Display Uro sot Multiple Lead I/O - aards Renote Start/Stop Reporting Yes	Output cable length [m]	3
Output tisse, rating [A/VDC] 2x200A/150VDC Output tisse type Fast Semiconductor fuse PROPERTIES Interest Semiconductor fuse Ingress protection IP21 Ambient temperature range (at full output power) [deg C] -5 to -40 Ambient storage and transport temperature [C] -40 to +80/1000h Maximum operating altitude [m] 2000 Maximum operating altitude [m] 2000 Cooling Convection Catinet Type E2 Coling Convection Clainet Type E2 Clainet Type Femotestart/Stop Clainet Type Femotestart/Stop Clainet Type Femotestart/Stop Clainet Type Yes Clainet Type <t< td=""><td>Output cable terminals (in unit)</td><td>M8</td></t<>	Output cable terminals (in unit)	M8
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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 max temp (with reduced output power) [deg C] -40 to +80/1000h Maximum operating altitude [m] 2000 Maximum numidity, non-condensing [%rh] 90 Cooling Convection Cabinet Type B2 Certifications CE Cloud connection Yes User interface LED/Display I/O-cards Remote Start/Stop Radio communication Yes Radio communication Yes	Output fuse, rating [A/VDC]	2x200A/150VDC
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 numidity, non-condensing [%rh] 90 Cooling Convection Cabinet Type E2 Cloud connection Ves User interface LED/Display Charging Curve Set Multiple Lead I/O cards Renote Start/Stop Radio communication Yes Radio communication Yes	Output fuse type	Fast Semiconductor fuse
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Ambient storage and transport temperature [C]-40 to +80/1000hMaximum operating altitude [m]2000Maximum humidity, non-condensing [%rh]90CoolingConvectionCabinet Type82Cabinet Type62CertificationsCECloud connectionYesUser interfaceLED/DisplayCharging Curve SetMultiple LeadI/O-cardsRemote Start/StopRadio communicationYesCHARGER DIMENSIONSCHARGER DIMENSIONS	Ambient temperature range (at full output power) [deg C]	-5 to +40
Maximum operating altitude [m] 2000 Maximum humidity, non-condensing [%rh] 90 Cooling Convection Cabinet Type B2 Certifications CE Cloud connection Yes User interface LED/Display Charging Curve Set Multiple Lead I/O-cards Remote Start/Stop Radio communication Yes	Ambient max temp (with reduced output power) [deg C]	50
Maximum humidity, non-condensing [%rh]90CoolingConvectionCabinet TypeB2CertificationsCECloud connectionYesUser interfaceLED/DisplayCharging Curve SetMultiple LeadI/O-cardsRemote Start/StopReportingYesCHARGER DIMENSIONSYes	Ambient storage and transport temperature [C]	-40 to +80/1000h
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Reporting Yes Radio communication Yes CHARGER DIMENSIONS Yes	Charging Curve Set	Multiple Lead
Radio communication Yes CHARGER DIMENSIONS Yes	I/O-cards	Remote Start/Stop
CHARGER DIMENSIONS	Reporting	Yes
	Radio communication	Yes
Weight excl. cables [kg] 42	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	42
Charger dimensions [mm] 410x533x515	Charger dimensions [mm]	410x533x515

SHIPPING DIMENSIONS	
Box dimensions [mm]	560x800x600
Shipping Weight [kg]	64

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