

AXON SIDE DLBS

TECHNICAL SPECIFICATIONS

CONFIGURATION	Axon Side DLBS - 240 kW		Axon Side DLBS - 400 kW	
MAXIMUM CHARGING POWER	240		400	[kW]
DYNAMIC LOAD BALANCING SYSTEM		✓		
POWER SUPPLY PARAMETERS				
Power supply [V / Hz]	AC, 3 x 400 / 50			
Connection power [kVA]	264		440	
Connection to mains	Cable connector in TNS system			
Power factor	> 0,99 (inductive)			
Differential-current protection	Type A Type B (option)			
OUTPUT				
Efficiency [%]	> 96,5			
Maximum charging current per output [A]	500*			
Maximum charging current per all outputs [A]	800		1200	
Output voltage range [V]	150 - 1000			
Granularity of output power [kW]	40		80	
Active reactive power compensation	✓		✓	
COMMUNICATION				
Charging mode	IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121			
Protocol	OCPP 1.6-J OCPP 2.0.1			
GENERAL				
Housing	Steel with galvanised coating			
Protection rating	IP 54 IK 10			
Overall dimensions [H x W x D] [mm]	2300 x 1000 x 1050			
Weight [kg]	~1100		~1300	
Noise [dBA]	< 65 (at a distance 1 m)			
Operating temperature range [°C]	- 35 +55 > 40 possible output power limitation			
Operating altitude [m.a.s.l.]	≤ 2000			
Compliance with standards	CE LVD 2014/35/UE EMC 2014/30/UE RED 2014/53/UE			

Preliminary data sheet

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EQUIPMENT

CONFIGURATION	Axon Side DLBS - 240 kW	Axon Side DLBS - 400 kW	
MAXIMUM CHARGING POWER	240	400	[kW]

CONNECTORS

DC Connectors	1 - 6 x CCS (satellite)
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HOUSING

Colour	DB 703
RAL Colour (Other)	Option
Branding	Option
Anti-graffiti coating	Option

INTERFACE

Display	Depending on satellite model
RFID card reader	Depending on satellite model
Signal column	Depending on satellite model

DC METERS

Eichrecht	Depending on satellite model
MID	Depending on satellite model

PAYMENT SYSTEM

PAX IM 30 - CCV	Depending on satellite model
PAX IM 30 - eService	Depending on satellite model
Payter Apollo - Cloud Solutions	Depending on satellite model
Valina - Worldline	Depending on satellite model

COMMUNICATION

Data transfer	GSM (LTE) EEP GSM (LTE) Client Optical fiber Ethernet (optional)
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Catalog code	AXS -S1G7-0621D703 -02017100XXX0	AXS -S1C2-0621D703 -02017100XXX0
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*For the number of outputs greater than 2, the available charging current depends on the DLBS system and the type of satellite connected.

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