

TECHNICAL SPECIFICATIONS

CONFIGURATION	1 – 6 × satellite	
MAXIMUM CHARGING POWER [kW]	240**	400
DYNAMIC LOAD BALANCING SYSTEM	✓	✓

POWER SUPPLY PARAMETERS

Power supply [V / Hz]	480 VAC / 60 Hz, 630A circuit breaker	
Connection power [kVA]	252	420
Connection to mains	Cable connector in TNS system	
Power factor	> 0.99 (for output power above 20% – adjustable)	

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***

COMMUNICATION

Charging mode	Plug & Charge ISO 15118 DIN 70121
Protocol	OCPP 1.6-J OCPP 2.0.1

GENERAL

Housing	Steel with galvanised coating, powder coated	
Protection rating	Type 3R acc UL 50	
Unit dimensions [H x W x D] [mm]/[in]	2300 × 1000 × 1050 / 90.5 × 39 × 41.3	
Weight [kg]/[lb]	~1300 / ~2860	
Noise [dBA]	< 65 (at a distance 1 m)	
Operating temperature range [°C]/[°F]	– 40 +55 / –40 + 131	
Operating altitude [m.a.s.l.]/[ft.a.s.l.]	≤ 2000 / ≤ 6560	
Compliance with standards	UL 2202 / CSA C22.2 No. 346, UL 2231-1/2, UL 991, UL 1998, SAE J1772, SAE J3400, NFPA 70, FCC class A, NTEP, CTEP, ENERGY STAR® certified,	

Preliminary data sheet

AXON SIDE DLBS



EQUIPMENT

CONFIGURATION	1 - 6 x satellite	
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CONNECTORS

DC Connectors	1 - 6 × CCS / NACS (satellite)
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HOUSING

Color	DB703
Color - option	RAL palette
Branding	Optional

Catalogue code	AXS -S2B3-0620D703 -02417100XXX0	AXS -S2C2-0620D703 -02417100XXX0
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Preeliminary data sheet

* For the number of outputs greater than 2, the available charging current depends on the DLBS system and the type of satellite connected.
** 240 kW version does not have power upgrade capability to 400 kW.
*** When operating at full power, all modules are limited by Software to 66.6 kW