

blueplanet Argus

DC-Combiner.



Make short work of long cables.

Designed for a DC system voltage
of 1 500 V

String monitoring (XL version)

Protection rating IP66

Norms: EN 61439-1, EN 61439-2

Surge protection SPD I + II

24 DC inputs

Technical Data

DC input data	Argus
Max. no-load voltage	1 500 V
Max. input current	200 A
Max. short circuit current $I_{sc\ max}$	250 A
Number of DC connections	20 / 24
String monitoring (optional)	
Start voltage	300 V
Measurement range current	0 - 25 A
Current measurement tolerance	< 1.5 % I_{max}
Measurement range voltage	0 - 1550 V
Voltage measurement tolerance	< 1%
Interfaces	RS 485 (Modbus RTU, Sunspec) DI (Monitoring DC surge protection) DI (Monitoring DC switch position on / off)
Control units	2x rotary switch for RS485 address 0-99 (2x 0-9), 1x rotary switch for RS485 termination resistor (120 Ohm) 1x rotary switch for RS485 baud rate
Number measuring channels	20
Standby consumption	0 W
General data	
DC connection (input)	DC plugs (Sunclix)
DC connection (output)	cable lug, max. 240 mm ² (0.372 in ²) Cu or Al
Ambient temperature	-25 °C – +60 °C
Humidity	0 - 100 %
Max. installation elevation (above MSL)	3 000 m
Min. distance from coast	2 000 m
Protection class	IP66 / NEMA 4X
H x W x D	725 x 995 x 253 mm
Weight	34 kg
Certifications	
Safety	CE, EN 61439-1, EN 61439-2, UL-ready

Versions	L-20	XL-20	L-24	XL-24
Number of DC inputs	20	20	24	24
DC switch	✓	✓	✓	✓
String protection PV+	✓	✓	✓	✓
String protection PV -	✓	✓	✓	✓
DC surge protection	Type 1 + 2	Type 1 + 2	Type 1 + 2	Type 1 + 2
String monitoring	-	✓	-	✓
Monitoring DC surge protection	-	✓	-	✓
Monitoring DC switch position (on / off)	-	✓	-	✓

standard = ✓ upgradeable = ○ optional = ★