AUXSOL

Front

Inside

A-63A-SX01-Gateway

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

39 Years	$12.6 Billion	5
History	Revenue in 2024	Business Industries

$9.6 Billion	500	40000+
Assets	China's Top	Employees

AUXSOL
WIN A GREEN FUTURE TOGETHER
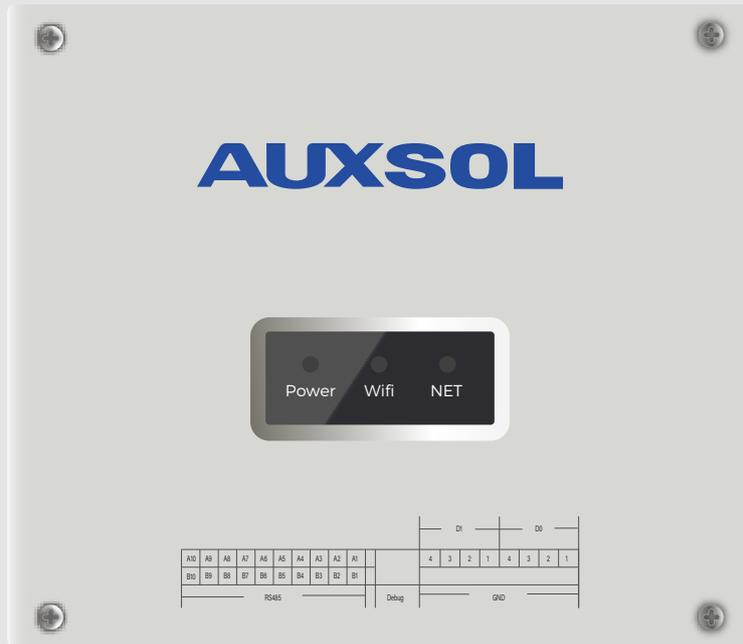
Ningbo AUX Solar Import & Export Co., Ltd.

No. 518, Xinmei Road, Yinzhou District, Ningbo City, zhejiang Province, China

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Technical Specification	A-63A-SX01-Gateway
General Data	
Dimensions (H * W * D)	725*605*90
Weight kG	32.5
Performance	
AC Voltage (nominal)	220/230/240 V L/N+PE
Max. current (from Grid)	63 A
Max. current (from Inverter)	60 A
Max. current (to backed-up load)	63 A
Max. current (to non-backed-up load) 1	63 A
Low-voltage ride-through	Supported
Switchover time	≤ 20 ms (in Seamless Mode)
Bypass operation mode Manual	manual
Interface	
Power output	9.5–13.2V @ 100mA, ≤ 3m
WAN	10/100 Mbps, ≤ 100 m
WLAN	AP Mode, 802.11b/g/n (2.412 GHz–2.484 GHz)
RS485	9600/19200/115200 bps,× 10, ≤ 50m
Digital input	×4, ≤ 20 m
Digital output	×4, ≤ 20 m
Measurement Range	
Current range	≤ 63 A
Voltage range	165-288V(Phase voltage),286-498V(Line voltage)
Device Management	
inverter	ASG-5/6/8/10/12/15/20TL-ZH
EV chargers	SXACG11 A322Q11;SXACG11 A163Q11;SXACC12 A323Ql3
Heat pump²	AUX R290
RS485 device	up to 10
Environment	
Noise emission	≤ 29 dBA
Cooling method	natural cooling
Relative humidity range	5%-95% RH (non condensing)
Max. operating altitude	4000m (derated over 2000m)
IP rating	IP54
Operating temperature range	-25°C–50°C

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ABI-Gateway

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$ 9.6 Billion Assets	**500** China's Top	**40000+** Employees

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Product Model	ABI-Gateway
Hardware parameters	
System	LINUX operating system (Debian 6.1.33)
CPU	4-core, 1.4GHz
Random access memory (RAM)	2G DDR4
Storage	8GB eMMC
Ethernet	2-way 10M/100M adaptive (RJ45)
Serial port (computing)	10-way, RS485
IO port	4-way DI, 4-way relay-isolated DO
SD card	Support up to 128G
RTC	Built-in real-time clock
USB Burning	1 channel USB2.0
LED	POWER, WIFI, NET
WIFI	1×1IEEE 802.11a/b/g/n/ac standard protocols
Bluetooth	5.0 Standard Protocols
Port Specifications	
WLAN	AP+STA, 802.11b/g/n (2.412-2.484GHz)
RS485	9600-115200bps,≤ 1000m
USB	USB2.0/480Mbps
LAN/WAN	10/100Mbps,≤ 100m
DI port	Passive dry contact ≤ 20m
DO port	30V/2A (ON)≤ 20m
Electrical Specifications	
Rated Input	12VDC/1A
Input Voltage Range	9~ 18VDC
Power protection	Surge protection
Device management	
Smart meter	≥1/serial port
Inverter	≥16/serial port
EV Charger	≥1/serial port
Heat pump	≥1/serial port
Environment	
Operating temperature	-25~ +60℃
Environment temperature	-40~ +85℃
Environment humidity	5%~ 95% RH (no condensation)
Maximum working altitude	4000m
IP rating	IP20
Structural	
Dimensions (W D×× H)	175mm*128mm*58mm
weights	857g
material	Stainless steel201