PSC100*

SOFAR COMMUNICATION MANAGER

Product advantages

- RS485, PBUS, Ethernet, Fiber-optic network
- Supports up to 60 inverters
- Supports dual-split, two-winding transformers and can be configured with dual PBUS modules
- Can be connected to a wide range of environmental collectors, electricity meters, box transformer, measurement and control equipment
- Built-in Surge protectors
- IP65 protection for long-term stable outdoor operation
- Supports remote/local batch upgrades and single unit upgrades
- Remote control, giving commands such as power settings

Model	PSC100*
General parameters	
Auxiliary power input	Voltage range 100Vac~240Vac; Frequency range: 50~60Hz
Communication mode	With inverters: RS485/PBUS
	With monitoring platforms: SFP/ETH
Max. number of connected devices	RS485: 60pcs, PBUS: 60pcs
Max. transmission distance	RS485:1000M, PBUS:1000M
PBUS (communication) voltage input	Voltage range: 320Vac~920Vac, Frequency range: 50H~60Hz
Fibre optic ports	Max. transmission distance: 20KM
	Interface method: LC
Protocol supported	MODBUS TCP/IEC103/IEC104/IEC51850
Environmental parameters	
Operating temperature	-30~+60°C
Storage and transport temperature	-40°C~+85°C
Operating altitude	≤4000m
Protection level	IP65
Relative humidity	<95%, Non-condensing
Surge Protection	AC Type II
Mechanical parameters	
Cooling methods	Natural cooling
Dimensions (W x D x H)	760 x 580 x 220mm
Weight	≤21.5KG
Compliance	
Certificates	IEC61000-6-2/4
Installation mode	Wall mounting/Flat mounting

* All specifications are subject to change without notice.