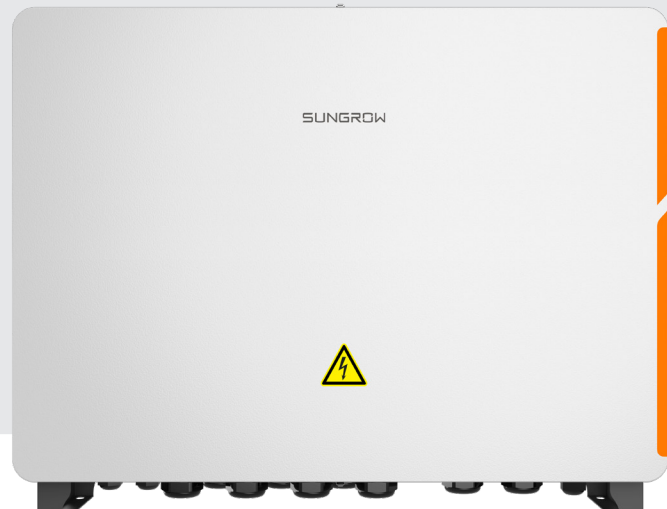


# EMU200A

Energy Management Unit



## FLEXIBLE NETWORKING

- Support of RS485, Ethernet and MPLC communication
- Support of tracker, meteo station, sensors and other equipment



## SAFE AND RELIABLE

- Electrical isolation and SPD for every port
- IP65 protection



## CONVENIENT O&M

- Inverter batch parameter settings and firmware updates
- PV-Plant maintenance via remote Web access for optimized OPEX
- Active and reactive power control, reactive power 30ms fast dispatch with GOOSE protocol



Type designation	EMU200A
<b>Communication</b>	
Max. number of devices	300
RS485 interface	5
MPLC Interface	2
Ethernet port	5 x 10 / 100 Mbps ETH 1 / 2 / 5 Ethernet port ETH 3 / 4 Fast dispatch port
PID&ISO Control Box (optional)	2
Fiber Switch (optional)	2x100 / 1000 Mbps Fiber ports and 6x10 / 100 Mbps Ethernet ports
Fiber Splice Box (optional)	4-Input and 24-Output ST Single mode
I/O Module (optional)	4-DI, 2-PT100 / PT1000, 2-AI (0 ~ 10 V), 2-DO
<b>Access voltage for AC Anti-PID</b>	
Rated grid voltage	800 Vac
Voltage range	720 ~ 880 Vac
Grid type	IT(corner grounded delta system is not included)
<b>AC ISO response inaccuracy</b>	
7 ~ 100kΩ	±15%@25°C
0.2 ~ 7kΩ	±1kΩ@25°C
<b>MPLC Communication</b>	
Max. communication distance	≤ 1000 m
Max. number of each channel devices	≤ 80
Rated voltage	400 ~ 800 Vac
Max. withstands voltage	≤ 1000 Vac
<b>Power supply</b>	
AC input	100 ~ 277 Vac, 50 / 60 Hz
Power consumption	max. 780 W
<b>Ambient conditions</b>	
Operating Temperature	-30 °C ~ +60 °C
Storage Temperature	-40 °C ~ +70 °C
Relative air humidity	≤ 95% (non-condensing)
Elevation	≤ 4000 m
Protection class	IP65
<b>Mechanical parameters</b>	
Dimensions (W*H*D)	860 mm x 680 mm x 275 mm
Weight	max.51 kg
Mounting type	Wall hanging, rack mounting, ground mounting, outdoor and indoor
Box material	Metal
Cable specification	AC cable: outdoor UV protection cable of 1 ~ 1.5 mm <sup>2</sup> MPLC cable: outdoor UV protection cable of 4 ~ 10 mm <sup>2</sup> Fiber optic: outdoor UV protection cable, outside diameter ≤ 18mm RS485 cable: 2 x outdoor UV protection shielded twisted pair (STP) of 0.75 ~ 1.5 mm <sup>2</sup>
<b>Mechanical parameters</b>	
EMU200A	The EMU200A includes Logger4000, AC adapter, SPD, MCCB, MPLC, PID&ISO Control Box (optional) , Fiber Switch (optional), Fiber Splice Box(optional), I/O Module (optional) Apply to Overseas