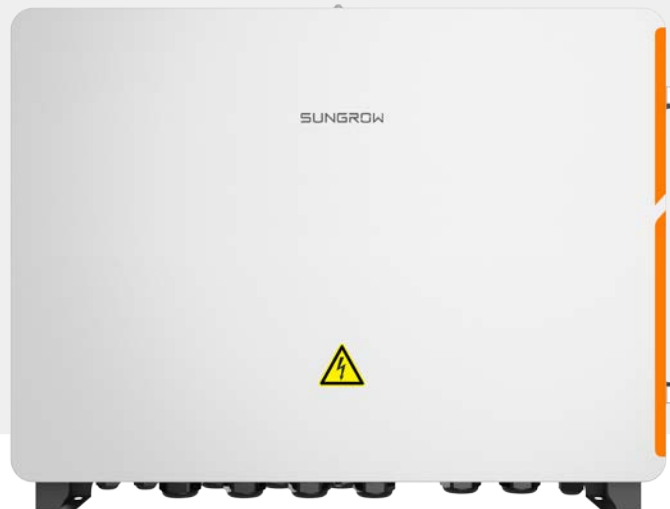


# EMU200A

Energy Management Unit



## FLEXIBLE NETWORKING

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



## 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, 30ms fast dispatch with Goose protocol



## SAFE AND RELIABLE

- Electrical isolation and SPD for every port
- Built-in anti-PID and insulation resistance detection (ISO)
- IP65 protection



Type designation	EMU200A
<b>Communication</b>	
Max. number of devices	300
RS485 interface	5
MPLC Interface	2
Fiber port	2*100 / 1000 Mbps
Ethernet port	4*10 / 100 Mbps
Fast dispatch port	1*10 / 100 Mbps
PID&ISO Control Box (optional)	2
Fiber Switch (optional)	2 Fiber ports and 6 Ethernet ports
Fiber Splice Box (optional)	4-Input and 24-Output SC Single mode
SFP Module (optional)	100 / 1000 Mbps
I/O Module (optional)	4-DI, 2-PT100 / PT1000, 2-AI (0-10 V), 2-DO
<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. 900 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*680*275 mm
Weight	32 kg
Mounting type	Wall hanging, rack mounting, pole mounting or 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: outdoor UV protection shielded twisted pair (STP) of 0.75 – 1.5 mm <sup>2</sup>
<b>Ordering information</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), SFP Module (optional) Apply to global