

HOPEWIND

SMART CONTROLLER

hopePowerBox -G01



FEATURES



Flexible Networking

- Supports RS485, Ethernet, Wi-Fi multiple communication interfaces
- Supports IEC 104, Modbus-RTU, Modbus-TCP and other communication protocols



Reliability

- Safety improvement with built-in SPD
- Wide operation voltage range



Power Control

- Multi-inverter zero export control function
- Output power limitation control
- Supports external CT configuration (100~4000A)

PARAMETERS

Model	hopePowerBox-G01
Communication Interface	
Max. Number of Inverter Connection	40
RS485 Interface	3 (2 for main use, 1 for backup)
Networking	RJ45 / Wi-Fi
Power Supply	
AC Input	380 / 400 V AC, 50 Hz / 60 Hz
Grid Type	3W + N + PE / 3W + PE
Ambient Condition	
Operating Temperature	-40~+60°C
Storage Temperature	-40~+70°C
Operating Humidity	5~95% (non condensation)
Operating Altitude	≤5000 m
Ingress Protection	IP65
Mechanical Parameters	
Dimensions (W × H × D)	430 × 410 × 130 mm
Weight	≤7 kg

