

RESISTIVE BANK 2500kW



APPLICATION

EWOK POWER Load Bank is applied for ship, oil, offshore platform, data center, telecommunication, finance, nuclear power, military, mobile power plant, power plant security, railway transit, aviation, aerospace, renewable energy, smart grid – microgrid, instrument switchgear, research and teaching, etc.

EWOK POWER load bank is available from 50–6000kW with AC110V–20kV, resistive or inductive resistive.



TECHNICAL SPECIFICATIONS

Load power (kW)	2500kW Resistive load
Load step adjustment (kW)	1kW,2kW,2kW,5kW,10kW,10kW,20kW,50kW,100kW,100kW,11*200kW
Power factor (Cos Φ)	1
Rated voltage and frequency	400 V AC, 3-phase, 4-wire, 50/60 Hz
Power control	External 380VAC, 3-phase 4-wire 50/60Hz
Control mode	1.Local manual 2.Remote control 3.PC software
Cooling system	Forced air cooling, by axial fan; horizontal air inlet, vertical exhaust cooling, vertical exhaust cooling
Dimension (mm) (reference)	6058mm*2438mm*2591mm (L*W*H)
Net weight (kg) (reference)	6500
Transportation	Lifting, there are lifting lugs on the top of the housing.
Communication interface	RS485 or dry contact
Protection	IP55
Load accuracy (for each step)	±5%
Load accuracy (for each load bank)	±3%
Display accuracy	class 0.5
Isolation	F
Operating Condition	continuous
Atmospheric pressure	86~106kPa
Environmental conditions	Temperature: -20~+50 degrees, humidity: ≤95%, altitude: ≤2500m;
Relative humidity	Outdoor use is allowed
Connection mode	Load bank input—Copper bar (star coupling "Y") Control power input—Connector-bar



SCOPE OF SUPPLY

Load bank	Resistive; Canopy Type – Outdoor Use
Integrated control	Integrated control system with load step adjustment
Intelligent control	Self-developing system: prepared for manual loading and automatic loading
Contactor	Schneider
Fuse	Miro
PLC	Siemens
Other Product	RS485 cable (10 m), RS485 converter, RS232, USB, data processing software