

# 300kW RESISTIVE LOAD BANK



## APPLICATION

The EWOK POWER load bank is applied to ships, oil, offshore platforms, data centers, telecommunications, finance, nuclear power, military, mobile power plants, power plant security, rail transit, aviation, aerospace, renewable energy, smart grid - microgrids, instrument switches, 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)	300KW Resistive load
Load step adjustment (KW)	1kW,2kW,2kW,5kW,10kW,10kW,20kW,50kW,100kW,100kW,minstep load: 1kW
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, horizontal air inlet and outlet, with grille and protective door
Dimension (mm) (reference)	1200mm*1000mm*1400mm(L*W*H)
Net weight (kg) (reference)	600
Transporte	Lifting, there are lifting lugs at the top
Protection	IP55
Load accuracy (for each step)	±5%
Load accuracy (for each load bank)	±3%
Display accuracy	class 0.5
Isolation	F
Operating Condition	continuo
Atmospheric pressure	86~106kPa
Environmental conditions	Temperature:-20~+50 degrees, humidity:≤95%,altitude:≤2500m;
Relative humidity	Outdoor use is allowed
Connection mode	Charging power inlet--Copper Load supply input--Copper busbar (star coupling) Control power supply input--Connection 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
Other Product	RS485 cable (10 m), RS485 converter, RS232, USB, data processing software