



TECHNICAL SPECIFICATION

Display mode		Sfere720C: LCD, Sfere720: TFT
Accuracy	V/A	0.1%
	P/Q/S/PF	0.2%
	F	±0.01Hz
	±kWh	Class 0.2S
	±kvarh	Class 2
Voltage input	Rated value	AC 3*230/ 400V 3*100V etc.
	Overload	Continuous: 1.2Vn Instantaneous: 2Vn/ 10s
	Burden	≤0.1VA (per phase)
	Impedance	4MΩ
	Frequency	45Hz~65 Hz
Current input	Rated value	AC 1A, 5A
	Overload	Continuous: 1.2In Instantaneous: 2In/5s
	Burden	≤0.2VA (per phase)
	Impedance	≤20mΩ
Auxiliary supply	Working range	AC/DC 80~ 270V 50/ 60Hz
	Consumption	≤5VA
Communication port		RS485,Modbus-RTU, 2-wire, up to 38.4kbps
Energy pulse output		1 optocoupler outputs, pulse width (80±20%) ms
Digital input		2 AC 230V inputs,Isolation:5000V AC
Relay output		2 relay outputs,Contact rated at AC 5A/ 250V or DC 5A/30V (AC 1), isolation:2000V AC
Ambient condition	Operating temperature	-25°C – 70°C
	Relative humidity	≤93%
	Altitude	≤2500m
Insulation		≥2kVAC
IP degree		Front IP64,Rear IP20