科林电气
KE ELECTRIC

Shanghai Stock Exchange
(SSE) I.D.: 603050

DDSY1277

Single Phase Two Wire Smart Energy Meter

- ***Message/Access authentication & Encryption/ 3 levels security verification***
- ***Compliant with DLMS/COSEM protocol***
- ***Support event record with time stamp***
- ***Remote firmware updating, periodic reading meter data, real time monitor meter status***
- ***Support setting overload limit***

BS

Multiple Connection Types

Ingress Protection

RS485 Interface

PLC

RF

GPRS

DLMS-COSEM Compliance

Loading Profile

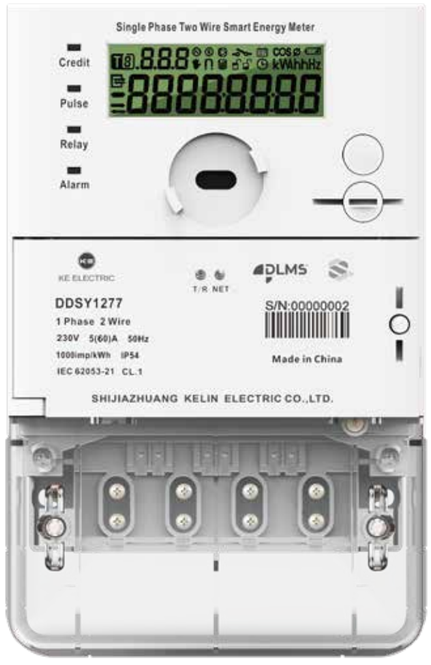
Event Logs

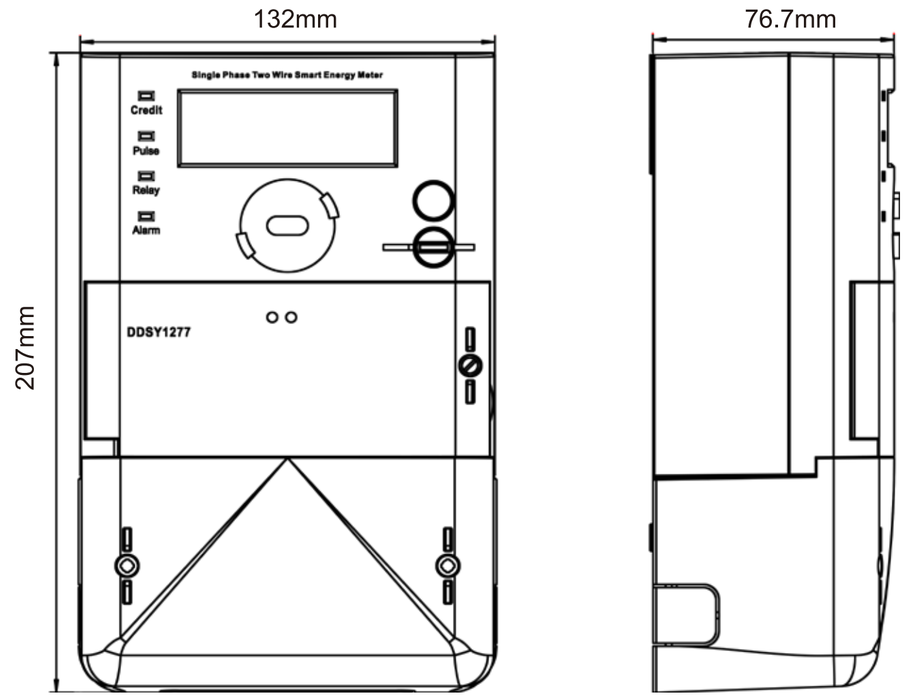
KEMA



Product Model: DDSY1277

Dimensions(mm)





Product Model:	DDSY1277
Basic Features:	
Meter Type:	Single Phase, Active
Material/Housing Standard:	Polycarbonate Glass Fiber Reinforces/BS
Connection Type:	Single Phase Two Wire
Nominal Voltage:	220V, 230V, 240V (80%~120%) (Optional)
Nominal Current (Max):	5(60)A 5(80)A 5A (100A) (Optional)
Frequency	50/60Hz
Power Consumption	<2W/10VA
Accuracy:	Active: Class 1
Meter Constant:	1000imp/kWh (Adjustable according to customized requirements)
Environmental Features:	
Operating Temperature:	–25℃ to + 70 ℃
Limit Temperature:	–40℃ to + 70 ℃
Storage Temperature (Coefficient):	–40℃ to + 85 ℃
Relative Humidity:	Up to 95% non–condensing
IP Grade:	IP54
Communication Interface:	
Local Communication:	RS485/Optical
Communication Module:	PLC/RF/GPRS
Communication Protocol:	DLMS/COSEM
Other Features:	
LCD:	8 digit with 5 digit OBIS code
Instant Measurement:	Measuring instant current, voltage and power factor
Load Profiles:	8 channels for registering the load profile with programmable sampling time.
Logging:	Each event can be record at least 20 times (Optional)
Remote Control:	Remote disconnect/Reconnect using relay
Remote Metering:	Remote on demand/Scheduled meter reading
Security:	Message/Access authentication & encryption
Power/Alarm Management:	Power quality /Alarms/Events management
Battery Capacity	⩾1200mAh
Dimension	207mm(L)*132mm(W)*76.7mm(H)

SHIJIAZHUANG KELIN ELECTRIC CO., LTD.

HQ:Nanjiangbi, Hongqi Street, Luquan District, Shijiazhuang City, Hebei Province, P. R. China.
Tel: +86 311 89176007 Fax: +86 311 85231087
Web: www.kechina.com E-mail: info@kechina.com