

DTSY256 Series Prepayment Meter

1 Overview

DTSY256
(QPM31-1)



DTSY256(QPM31-1)

1. Bidirectional active energy measurement
 2. One card one user, ease of electricity management
 3. Data security: smart card optional embedded CoS plus dynamic 3DES encryption
 4. Over credit and overload power off
 5. Integrated prepaid vending system and consumption inspection feature
- For details, please refer to User Manual

DTSY256(QPM32-1)

1. Energy Measurement Function: Measure forward/ reversal, active/ reactive energy
2. Instantaneous Parameters Measurement Function: measure instant active/ reactive total power, phase voltage / current/ power factor, frequency
3. Tariffs function: support TOU tariffs and step tariff
2. One card one user, ease of electricity management
3. Multi-Tariff feature(optional),configurable tariff(peak, flat, valley)and TOD
4. Data security: smart card optional embedded CoS plus dynamic 3DES encryption
5. IR and RS485,RF(optional), PLC(optional)
6. Over credit and overload power off
7. Integrated prepaid vending system and consumption inspection feature
8. For details, please refer to User Manual

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(QPM32-1)



2 Technical parameters

Specification		DTS686((QPM31-1)	DTS686(QPM32-1)
Standards		IEC 62052-11:2003 IEC 62053-23:2003	IEC 62053-21:2003 IEC 62056-21
Accuracy	Active	1.0	1.0
	Reactive	/	2.0
Voltage	Rated	3×57.7/100V~3×240/415V	3×57.7/100V~3×240/415V
	Range	0.8Un~1.2Un	0.8Un~1.2Un
	Limit	1.7Un-1.3 Un	1.7Un-1.3 Un
Frequency		50Hz/60Hz	50Hz/60Hz
Current	Range	1.5(6)A, 5(30)A, 5(60)A, 10(100)A	1.5(6)A, 5(30)A, 5(60)A, 10(100)A
Starting Current		≤0.4%Ib	≤0.4%Ib
Constant	Active	3200, 1600, 800, 400imp /KWh	3200, 1600, 800, 400imp /KWh
	Reactive	/	3200, 1600, 800, 400imp /Kvarh
Display	Type	LCD	LCD
	Digit	6+2	6+2
Power Loss	Voltage Circuit	≤0.5W,7VA	≤0.5W,7VA
	Current Circuit	≤0.5VA	≤0.5VA
	Interface	/	Optical, RS485, RF, PLC, GPRS
Temperature Condition	Work Temperature	-25°C~+55°C	-25°C~+55°C
	Storage Temperature	-35°C~+70°C	-35°C~+70°C
Humidity		≤85°C	≤85°C
IP grade		IP54	IP54
		203×110×60mm	203×110×60mm
Weight	Net / Gross	0.6kg/0.75kg	0.6kg/0.75kg