Photo   LCD		PMAC770	PMAC735	SPM33	PMAC625
Single or 3 phase   3   3   3   3   3   3   3   3   3	Photo	25 25 25 25 25 25 25 25 25 25 25 25 25 2	3820 3820 3820	* 220.0	000 and
Real-time measurement	Display	LCD	LCD	LCD	LED
U, I, P, kWh  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q	Single or 3 phase	3	3	3	3
Q         ●	Real-time measureme				
S         ●	U, I, P, kWh	•	•	•	•
PF, F	Q	•	•	•	•
Note	S	•	•	•	
Name	PF, F	•	•	•	•
Demand	kvarh	•	•	•	0
Max/min. value         ●         ●         Multi-tariff energy         ●	kVAh	•			
Multi-tariff energy         ●	Demand	•	•	•	
Phase angle         ●         Oath         Power quality analys           Harmonic         ● 31	Max./ min. value	•	•		
Power quality analysis	Multi-tariff energy	•			
Harmonic   ● 31 <sup>st</sup>   ○ 31 <sup>st</sup>   ● 31 <sup>st</sup>     Voltage crest factor   ●	Phase angle	•			
Voltage crest factor         ●         □	Power quality analysis				
Current K factor         ●         ●         ●         ●         ●         ●         ●         □	Harmonic	● 31 <sup>st</sup>	○ 31 <sup>st</sup>	● 31 <sup>st</sup>	
Unbalance rate  Load rate  U or F deviation  DI/ DO  Status input  Status input  Analog output  Analog output  Pulse output  Communication  RS485 / Modbus  The 2 <sup>nd</sup> RS485  Profibus  Memory card  Other functions  SOE event log  Setpoint alarm  ■ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	Voltage crest factor	•			
Load rate       ●       ●       □	Current K factor	•	0		
DV DO           Status input         ●	Unbalance rate	•	•	•	
DI/ DO           Status input         ● <td< td=""><td>Load rate</td><td>•</td><td></td><td></td><td></td></td<>	Load rate	•			
Status input         ●         ○         ●         ○         <	U or F deviation	•			
Relay output       ●       ○       ○         Analog input       ○       ○       ○         Analog output       ○       ○       ○         Pulse output       ○       ○       ○         Communication         RS485 / Modbus       ●       ●       ●       ○         The 2 <sup>nd</sup> RS485       ○       ○       ○         Profibus       ○       ○       ○         Memory card       ○       ○       ○         Other functions         SOE event log       ●       ○       ○         Setpoint alarm       ●       ○       ○	DI/ DO				
Analog input	Status input	•	0	•	0
Analog output	Relay output	•	0	0	0
Pulse output         ○         ○           Communication           RS485 / Modbus         ●         ●         ○           The 2 <sup>nd</sup> RS485         ○         ○         ○           Profibus         ○         ○         ○           Memory card         ○         ○         ○           Other functions         ○         ○         ○           SOE event log         ●         ○         ○           Setpoint alarm         ●         ○         ○	Analog input	0			
Communication           RS485 / Modbus         ●         ●         ●         ○           The 2 <sup>nd</sup> RS485         ○         ○         ○         ○           Profibus         ○         ○         ○         ○         ○           Memory card         ○         <	Analog output	0	0		
RS485 / Modbus         •	Pulse output	0	0		
The 2 <sup>nd</sup> RS485         O           Profibus         O           Memory card         O           Other functions           SOE event log         O           Setpoint alarm         O	Communication				
Profibus         O         O           Memory card         O         O              Other functions           SOE event log         O         O           Setpoint alarm         O         O	RS485 / Modbus	•	•	•	0
Memory card         O           Other functions           SOE event log         •           Setpoint alarm         •	The 2 <sup>nd</sup> RS485	0			
Other functions           SOE event log         ●         ○         □	Profibus	0	0		
SOE event log   Setpoint alarm  O	Memory card	0			
Setpoint alarm   O	Other functions				
·	SOE event log	•	0		
Data record •	Setpoint alarm	•	0		
	Data record	•			