

# Why you should consider PES Make?

Three Phase Prepaid Meters Features-	Technical Specifications
<ol style="list-style-type: none"><li>1. Reference Standard</li><li>2. Country of Origin</li><li>3. Manufacturers Name</li><li>4. Place of Manufacturer</li><li>5. Starting Year of Manufacturer</li><li>6. Model of Meter</li><li>7. Type</li><li>8. Connection</li><li>9. Rated Voltage</li><li>10. Maximum Voltage</li><li>11. Basic Current</li><li>12. Maximum Current</li><li>13. Frequency</li><li>14. No. of Terminal</li><li>15. Diameter of Terminal Board</li></ol>	<p>IS-13779(2020) INDIA PES Electrical Pvt. Ltd. Faridabad 2012 EM-32 Outdoor 3-Phase, 24Wire unidirectional 500 V 440 V &lt;=10 Amp &gt;=60 Amp 50 Hz 8 10 mm to support 16 sqmm cable</p>

<p>16. Voltage Circuit loss at rated Voltage</p> <p>17. Current Circuit loss at rated current</p> <p>18. Power factor range</p> <p>19. Variation of voltage</p> <p>20. Impluse with stand voltage</p> <p>21. Starting current (minimum)</p> <p>22. KWH registered type</p> <p>23. Meter constant</p> <p>24. Accuracy Class</p> <p>25. Disconnection Facility</p> <p>26. Time interval of recalibration</p> <p>27. Service life (minimum)</p> <p>28. Communication compatibility</p> <p>29. Communication Port</p> <p>30. Communication Protocol</p> <p>31. Online Connectivity</p>	<p>5VA, 2 Watt per phase</p> <p>2.5 VA per phase</p> <p>0.5 lag to 0.8 lead</p> <p>+/- 30%</p> <p>6 KV</p> <p>0.01% of basic</p> <p>LCD display</p> <p>1000 pulses per KWH</p> <p>1</p> <ul style="list-style-type: none"> <li>• <b>On credit Expiry</b></li> <li>• <b>Overload limit</b></li> <li>• <b>Magnetic tempering</b></li> <li>• <b>DG backup blocking</b></li> </ul> <p>5 years</p> <p>15 years</p> <p>GPRS, ZigBee, wifi</p> <p>RS 232(optional)</p> <p>Modbus 32 bit encryption with 16 bit encryption key</p> <p>YES</p>
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32. Warranty Extension 15 years (optional)	YES
33. Contactors Rating	80 Amps
34. Current Rating	10-60 Amps
35. No. of Latching Contactors & CT set	3
39. Over Load Safety	Available
40. Magnetic Tempering Safety	Available
42. Independent Load Limit on Mains & DG	Available
43. Power Back up Block Safety	Available
44. Working Temperature	-20 to 65c
45. Mobiles App	Available
46. Low Balance Alert	Available
47. Power Source Change Alert	Available
48. Third Party Integration	Available
49. Monthly Bill Summary	Available
50. Auto Bill Summary Share on Customers Mail	Available
51. Outline Dimension	LxWxH;225x175x85mm
52. Installation Dimension	LxW;350x350mm
53. Weight	Approx. 2 kg
54. DG/ mains Source Sensor	230 V AC
55. Home Display Unit (optional)	Wifi Based