

# Why you should consider PES Make?

Single 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 style="text-align: center;">IS-13779(2020) INDIA PES Electrical Pvt. Ltd. Faridabad 2012 EM-12 Outdoor 1-Phase, 2-Wire unidirectional 280 V 230 V &lt;=5 Amp &gt;=60 Amp 50 Hz 4 6 mm to support 10 sq mm cable</p>

16. Voltage Circuit loss at rated Voltage	5VA, 2 Watt
17. Current Circuit loss at rated current	2.5 VA
18. Power factor range	0.5 lag to 0.8 lead
19. Variation of voltage	+/- 30%
20. Impluse with stand voltage	6 KV
21. Starting current (minimum)	0.01% of basic
22. KWH registered type	LCD display
23. Meter constant	1000 pulses per KWH
24. Accuracy Class	1
25. Disconnection Facility	<ul style="list-style-type: none"> <li>• <b>On credit Expiry</b></li> <li>• <b>Overload limit</b></li> <li>• <b>Earth fault</b></li> <li>• <b>Over voltage</b></li> <li>• <b>Magnetic tempering</b></li> <li>• <b>Reverse phase &amp; neutral</b></li> <li>• <b>Neutral Missing</b></li> <li>• <b>DG backup blocking</b></li> </ul>
26. Time interval of recalibration	5 years
27. Service life (minimum)	15 years
28. Communication compatibility	GPRS, ZigBee, wifi
29. Communication Port	RS 232(optional)
30. Communication Protocol	Modbus
31. Online Connectivity	YES

32. Warranty Extension 15 years (optional)	YES
33. Contactors Rating	80 Amps
34. Current Rating	5-60 Amps
35. No. of Latching Contactors & CT set	2
36. Neutral Miss Safety	Available
37. Earth Fault Safety	Available
38. Over Voltage Safety	Available
39. Over Load Safety	Available
40. Magnetic Tempering Safety	Available
41. Phase Neutral Reverse 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