


INVESTIGATION REPORT

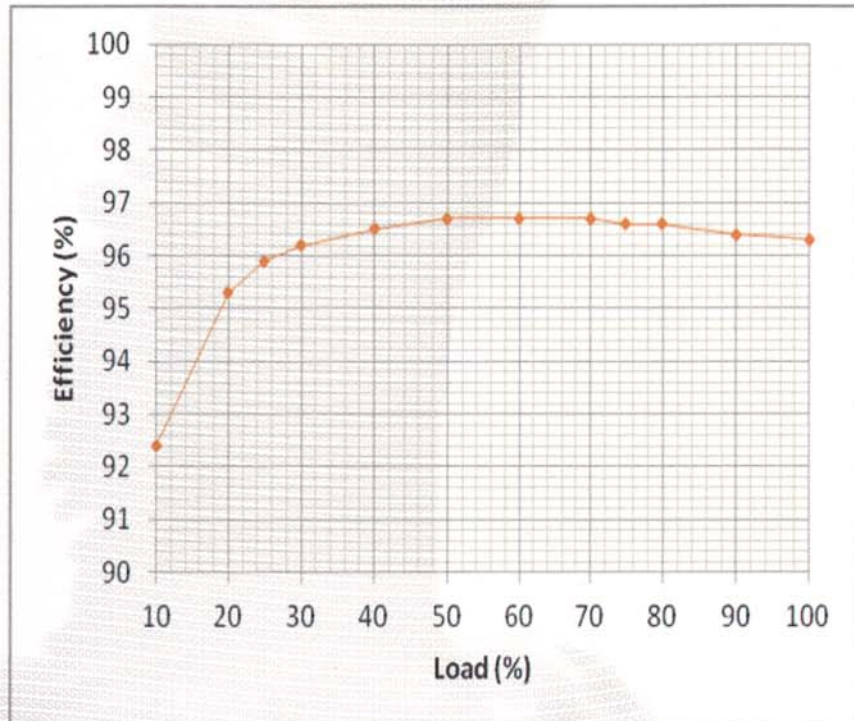
Our ref. 274881-1

Report No. 18020

Product	UPS
Type	93PM-200(200)
Trade mark	Eaton 93PM
Applicant	Eaton Power Quality Oy, Koskelontie 13, FI-02920 ESPOO, FINLAND
Manufacturer / Manufacturing site	Same as applicant
Technical information	Input: 380/400/415V, 353/335/323A, 50/60Hz Output/Bypass: 380/400/415V, 304/289/278A, 50/60Hz
The product has been tested according to standard	IEC 62040-3:2011 Uninterruptible power systems (UPS) - Part 3: Methods of specifying the performance and test requirements.
The product has been tested according to following parts of the standard	Annex J UPS efficiency – Methods of measurement
Investigation result	See tables on page 2
Other information	This investigation report of test result has been granted to the applicant based on tests performed by the manufacturer under supervision of SGS Fimko Ltd.
Date	3 March 2014
	SGS Fimko Ltd
Signature	 Jari Karlsson Team Leader

Resistive load PF = 1,0

Normal mode		
Load (%)	Power (kW)	Efficiency (%)
100	200	96,3
90	180	96,4
80	160	96,6
75	150	96,6
70	140	96,7
60	120	96,7
50	100	96,7
40	80	96,5
30	60	96,2
25	50	95,9
20	40	95,3
10	20	92,4



ESS mode		
Load (%)	Power (kW)	Efficiency (%)
100	200	99,3
90	180	99,3
80	160	99,3
75	150	99,2
70	140	99,2
60	120	99,2
50	100	99,1
40	80	99,0
30	60	98,8
25	50	98,6
20	40	98,4
10	20	97,2

