

INVESTIGATION REPORT

Our ref. 280566-2

Report No. 19103

Product UPS

Type 93PS-40 Serial nr: H2669000003

FW versions

MCU:	MCU PLD	UPM:	UPM PLD	CSB:	Display
1.23	0.23	1.23	0.90	1.23	1.23

HW versions:

Pilot

Trade mark



Applicant/Manufacturer/
Manufacturing site Eaton Power Quality Oy
Koskelontie 13
FI-02920 ESPOO, FINLAND

Technical information Ratings: 380/400/415 VAC; 50/60 Hz; 76/72/70 A

The product has been tested according to standards 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

Procedure deviation Measurements described in Annex J are performed in 10% load steps and in addition to Normal mode/Double conversion mode also in Energy Saver System (ESS) mode

Non-standard test method -

Date 06 August 2015

SGS Fimko Ltd

Signature



Jari Karlsson
Team Leader

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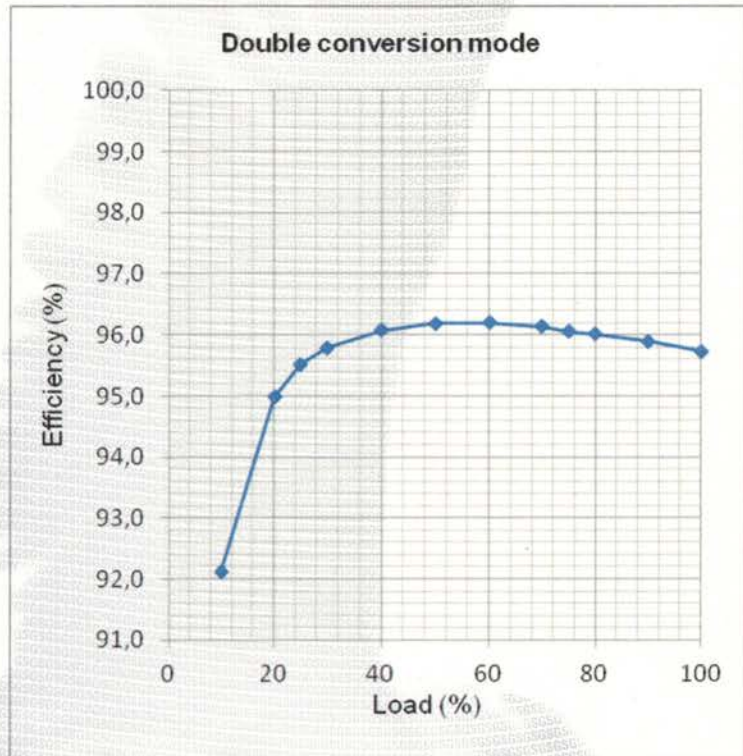
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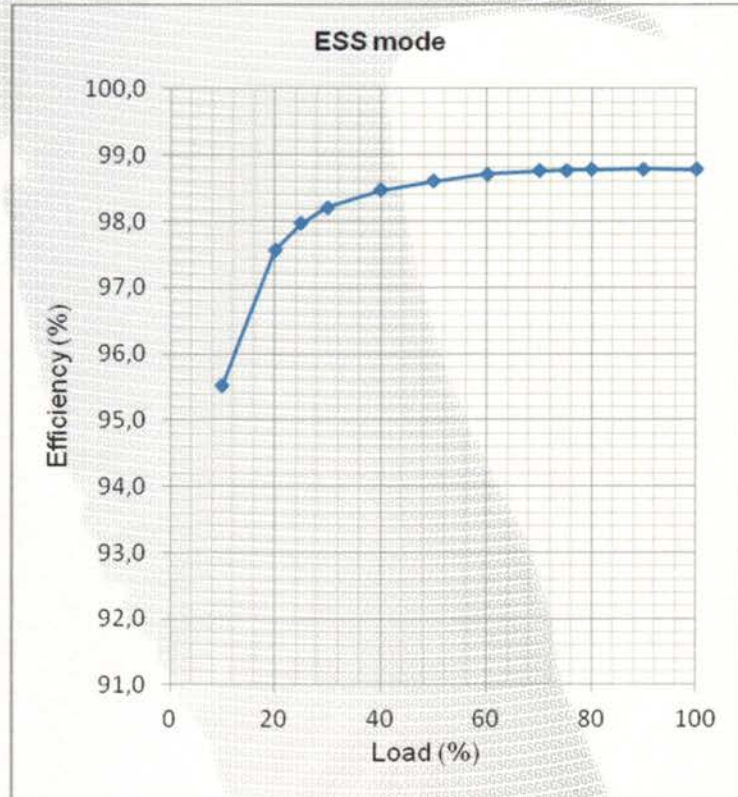
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Double conversion mode		
Load (%)	Power (kW)	Efficiency (%)
100	39,6	95,7
90	36,2	95,9
80	32,1	96,0
75	30,0	96,1
70	28,0	96,1
60	24,0	96,2
50	20,0	96,2
40	16,1	96,1
30	12,1	95,8
25	10,2	95,5
20	8,1	95,0
10	4,0	92,1



ESS mode		
Load (%)	Power (kW)	Efficiency (%)
100	40,1	98,8
90	36,1	98,8
80	32,2	98,8
75	30,2	98,8
70	28,1	98,8
60	24,0	98,7
50	19,9	98,6
40	16,2	98,5
30	12,1	98,2
25	10,1	98,0
20	8,0	97,6
10	4,0	95,5



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