

Default Display Parameters of ABTRR4	Mode 1
338)Display check	1
Time : HH-MM-SS	2
Date : DD-MM-YY	3
Meter Serial Number	4
Cumulative Forward KWh	5
Cumulative Reverse KWh	6
Cum.Forward KVAh	7
Cum. Reverse KVAh	8
Billing period- MD in KW Import	9
Billing period- MD in KVA Import	10
Billing Period Average power factor (BP PF) import mode.	11
Billing Period Average power factor (BP PF) export mode.	12
Cumulative KWh fundamental net energy	13
Forward Active Energy in current 15 minutes block(with 4 decimal resolution)	14
Forward Active Energy in previous 15 minutes block(with 4 decimal resolution)	15
Reverse Active Energy in current 15 minutes block(with 4 decimal resolution)	16
Reverse Active Energy in previous 15 minutes block(with 4 decimal resolution)	17
Current 15 minutes block Average frequency (XX.XXX)	18
Previous 15 minutes block Average frequency (XX.XXX)	19
Forward Reactive Energy-lag in current 15 minutes block(with 4 decimal resolution)	20
Forward Reactive Energy-Lag in previous 15 minutes block(with 4 decimal resolution)	21
Forward Reactive Energy-Lead in current 15 minutes block(with 4 decimal resolution)	22
Forward Reactive Energy-Lead in previous 15 minutes block(with 4 decimal resolution)	23
Reverse Reactive Energy-lag in current 15 minutes block(with 4 decimal resolution)	24
Reverse Reactive Energy-Lag in previous 15 minutes block(with 4 decimal resolution)	25
Reverse Reactive Energy-Lead in current 15 minutes block(with 4 decimal resolution)	26
Reverse Reactive Energy-Lead in previous 15 minutes block(with 4 decimal resolution)	27
Net Active Energy (KWh) sent out in current 15 minutes block (with +/- sign)(with 4 decimal resolution)	28
Net Active Energy (KWh) sent out in immediate previous 15 minutes block (with +/- sign)(with 4 decimal resolution)	29
Coded Frequency current 15 minutes block	30
Coded Frequency previous 15 minutes block	31
Forward Apparent Energy in current 15 minutes block(with 4 decimal resolution)	32
Forward Apparent Energy in previous 15 minutes block(with 4 decimal resolution)	33
Reverse Apparent Energy in current 15 minutes block(with 4 decimal resolution)	34
Reverse Apparent Energy in previous 15 minutes block(with 4 decimal resolution)	35
Forward Active Energy of Present day (consumption)	36
Forward Active Energy of previous day (consumption)	37
Reverse Active Energy of Present day (consumption)	38
Reverse Active Energy of previous day (consumption)	39
Net Cumulative Active KWh Energy of Present day (consumption)	40
Net Cumulative Active KWh Energy of Previous day 1 (consumption)	41
Average frequency (XX.XX) of Present day	42
Average frequency (XX.XX) of previous day 1 (at 24:00 Hrs.)	43
Reactive Energy High (V.>=103%) of Present day (consumption)	44

Reactive Energy Low ($V \leq 97\%$) of Present day (consumption)	45
Forward Apparent Energy of Present day (consumption)	46
Forward Apparent Energy of Previous day (consumption)	47
Reverse Apparent Energy of Present day (consumption)	48
Reverse Apparent Energy of Previous day (consumption)	49
Cumulative Reactive Energy High	50
Cumulative Reactive Energy Low	51
12)Instantaneous PF	52
105)Cum.Forward KWh at latest reset(independentof tariffs)	53
114)Cum Reverse KWh at latest reset(independent of tariffs)	54
155)Cum.Forward KVAh at latest reset(independentof tariffs)	55
164)Cum.Reverse KVAh at latest reset(independentof tariffs)	56
Billing period- MD in KW Export	57
Billing period- MD in KVA Export	58
Mode 2	
338)Display check	1
Time : HH-MM-SS	2
Date : DD-MM-YY	3
Meter Serial Number	4
Power On hours	5
324)Reset Count	6
Active Energy import(KWh on 15 min block basis for previous block)	7
Active Energy export(KWh on 15 min block basis for previous block)	8
Average frequency of previous block in HZ	9
Average Voltage as a % of 63.5 V	10
Cum. Reactive energy for voltage high condition (i.e. net KVArh KWh when RMS voltage is $\geq 103\% V_n$)	11
Cum. Reactive energy for voltage Low condition (i.e. net KVArh KWh when RMS voltage is $< 97\%$)	12
Cumulative Forward KWh	13
Cumulative Reverse KWh	14
Cum.Forward KVArh lag	15
Cum.Reverse KVArh lag	16
Cum.Forward KVArh lead	17
Cum.Reverse KVArh lead	18
Cum.Forward KVAh	19
Cum. Reverse KVAh	20
12)Instantaneous PF	21
Cumulative MD(KVA) Import	22
Cumulative MD(KVA) Export	23
Cumulative MD(KW) Import	24
Cumulative MD(KW) Export	25
1)R Phase Voltage	26
2)Y Phase Voltage	27
3)B Phase Voltage	28

4)R Phase Current	29
5)Y Phase Current	30
6)B Phase Current	31
7)Frequency	32
8)Phase Sequence	33
Detailed phase wise anomaly information should, however, be logged in the meter memory and be available for downloading to the BCS directly. (Anamoly string)	34
KVArh during the previous block KWh when voltage was less than 97% of Vn	35
KVArh during the previous block KWh when voltage was more than 103% of Vn	36
Instantaneous Load in KW	37
Instantaneous Load in KVA	38
Instantaneous Load in KVAR	39
MD in KVA since last reset Import	40
MD in KVA since last reset Export	41
MD in KW since last reset Import	42
MD in KW since last reset Export	43
Cumulative Forward KWh, Tariff 1	44
Cumulative Forward KWh, Tariff 2	45
Cumulative Forward KWh, Tariff 3	46
Cumulative Forward KWh, Tariff 4	47
Cumulative Forward KWh, Tariff 5	48
Cumulative Forward KWh, Tariff 6	49
Cumulative Forward KWh, Tariff 7	50
Cumulative Reverse KWh, Tariff 1	51
Cumulative Reverse KWh, Tariff 2	52
Cumulative Reverse KWh, Tariff 3	53
Cumulative Reverse KWh, Tariff 4	54
Cumulative Reverse KWh, Tariff 5	55
Cumulative Reverse KWh, Tariff 6	56
Cumulative Reverse KWh, Tariff 7	57
Cumulative MD1 for Tariff 1	58
Cumulative MD1 for Tariff 2	59
Cumulative MD1 for Tariff 3	60
Cumulative MD1 for Tariff 4	61
Cumulative MD1 for Tariff 5	62
Cumulative MD1 for Tariff 6	63
Cumulative MD1 for Tariff 7	64
Cumulative MD2 for Tariff 1	65
Cumulative MD2 for Tariff 2	66
Cumulative MD2 for Tariff 3	67
Cumulative MD2 for Tariff 4	68
Cumulative MD2 for Tariff 5	69
Cumulative MD2 for Tariff 6	70
Cumulative MD2 for Tariff 7	71
Present status of Missing potential with phase identification	72
Present status of Current reversal with phase identification	73

Present status of Current Unbalance	74
Present status of CT Open	75
Last Tamper Occurance ID	76
Occurance Date & time of last tamper	77
Last Tamper Recovery ID	78
Recovery Date & time of last tamper	79
Total Tamper Counts	80
Version	81

Mode 3	
Cumulative Forward KWh (High Resolution)	1
Cumulative Reverse KWh (High Resolution)	2
Cum.Forward KVArh lag (High Resolution)	3
Cum.Reverse KVArh lag (High Resolution)	4
Cum.Forward KVArh lead (High Resolution)	5
Cum.Reverse KVArh lead (High Resolution)	6
Cum.Forward KVAh (High Resolution)	7
Cum. Reverse KVAh (High Resolution)	8