

(1,1)

timeruntype
+day +hour +weeks

portstype
+PORTB +PORTD +PORTE +PORTJ

mbmctype

mbmcstatustype

+ackreceived
+acksent
+cell_valid
+cmd_valid
+cmdreceived
+cmdsnt
+hist_valid
+real_valid
+received
+sdco_valid
+sent
+seq

mbmcnettype

+mbmc_byte
+mbmc_index
+mbmc_len

mbmcflagtype

+cmd_timeout
+data_len
+data_pos
+data_ptr
+data_timeout
+host_ack
+host_cmd
+host_data
+host_done
+host_timeout
+mbmc_ack
+mbmc_cmd
+mbmc_data
+mbmc_done
+rx_9bit
+tx_9bit

mbmcdata

(1,1)

(1,2)

(1,2)
+CHARGER_B +DIVERSION_B +MBMCID +PORTD +PRIPOWEROK +UTC +alert +bn +boc +boi +ccvoltage +cef_boc +current +currentin +currentload +harvest +inputvoltage +pick +ports +primarypower_B1 +primarypower_B2 +systemvoltage +thermo_batt

mbmccmdtype

+cmd
+ready

mbmccharttype

mbmcchart

+avg
+data
+edate
+gap
+pos
+sdate
+start

lcdb

+b

histtype

+ah
+ahi
+ahir
+aho
+ahop
+bsoc
+btest
+cb
+ce
+cef

(1,2)

(1,3)

- +cef
- +cef_calc
- +cef_save
- +drate
- +esr
- +h
- +kwi
- +kwo
- +peak
- +peukert
- +peukert_adj
- +pv_eff
- +rate
- +rfactor
- +rrate
- +samplei
- +sampleo
- +thermo
- +tot_eff
- +ttg
- +usoc

harvesttype

- +c_total
- +charger
- +count
- +diversion
- +e_total
- +energy
- +prev_charger
- +prev_energy
- +prev_usage
- +u_total
- +usage

datadefaulttype

- +data_default

celltype

- +cconline
- +charge
- +critical
- +current
- +cycles
- +date
- +dead
- +discharged
- +fresh
- +id
- +noload
- +online
- +valid
- +voltage
- +weight

ccstype

- +alert

(1,3)

+alert
+bn
+boc
+boi
+pick

ccledtype
+count
+flag
+online
+seconds
+ticks

buttype
+bii
+bil
+bio
+boc
+boi
+bvi
+bvo

battparmtime
+ah
+cef
+current
+esr
+flags
+soc
+temp
+voltage

battmodeltype
+soc

battbufftype
+busy
+copy
+flag
+good
+length
+position

almtype
+alm_count
+alm_flag

almbuffertype

(1,5)

+alm_num
+bn

VOLUME_INFO_TYPE

SD_VOLUME_INFO

+name
+read_block_len
+sector_count
+sector_multiply
+serial
+size_MB

SDDUMP_TYPE

SDDUMP

+dumping
+sdpos
+type

SDCARD_TYPE

SDCARD

+DAYCLOCK
+h
+harvest
+magic
+sddetect
+sdinit
+sdnext
+sdpos
+sdtype
+time
+timekeep

R_data

+ccvoltage
+current
+currentcharger
+currentin
+inputvoltage
+primarypower
+systemvoltage
+thermo_batt

C_data

+currentload
+t_comp
+temp_drata

(1,5)

B_data
+cef_raw +start_ahi +start_aho +start_ahu +today +yesterday