
typedef __packed struct _INPUT

```
{
    u16 InputLowVolt;           // input low voltage protection
    s16 InputCurrentLimit;      // input current maximum limit
    u16 ChargePower;           //Charger power
    u16 RegEnable;              //Regenerative enab
    u16 RegVoltLimit;           //Regenerative voltage limit
    s16 RegCurrentLimit;        //Regenerative current limit
    u16 RegPowerLimit;          //Regenerative power limit
    u32 RegCapLimit;            ///Regenerative cap limit
}INPUT;
```

typedef __packed struct _SYSTEM

```
{
    u16 TempUnit;               //Temperature unit
    u16 TempStop;               //Cut-off temperature
    u16 TempFansOn;             //Fans on temperature
    u16 TempReduce;             //Power reduce temperature
    u16 UsbPdEnable;            //USB PD enable
    u16 FansOffDelay;           //Fans off delay
    u16 LcdContraste;           //LCD contrast
    u16 LightValue;             //backlight value
    u16 BeepType[4];             //Beep type long beep, short beep, continuous beep
    u16 BeepEnable[4];          //Beep enable
    u16 BeepVOL[4];             //Beep volume
    u16 SelectLanguage;         //Language =0:english =1:german
    u16 SelectAdj;              //The current calibration
    u16 Ver;                    // System Version, only read
    u16 SelInputSource;         //select input source 0-3
    INPUT InputSource[INPUT_SOURCE_MAX]; //0-3 Input sources (details see INPUT)
    u16 ChargePowerCh[MODEL_MAX]; //Charger power of one channel
    u16 DischargePowerCh[MODEL_MAX]; //Discharge power of one channel
    u16 ProPower;               //Power priority
    u16 MonitorLogInterval[MODEL_MAX]; //Sampling interval 0.1S as an unit
    u16 MonitorLogSaveToSD[MODEL_MAX]; //0:do not output log to SD =1:output log to SD
    u16 ServoType;              //Servo type
    u16 ServoUserCenter;        //servo pulse center
    u16 ServoUserRate;          //servo frame refresh rate
    u16 ServoUserOpAngle;       //45 degrees pulse width
    u16 Dump1;                  // Reservation
    u16 AntiSparkEnable;        // Output anti sparking allowed
    u16 ServoSpeedVolt;         //Servo speed test volt
    u16 ServoSpeedCurrent;      // Servo speed test limit current
    u16 ServoSpeedCh;           //Channel for servo speed test
    u16 Dump[12];              // Reservation
}SYSTEM;
```

iCharger DX, 45xDUO MEMORY struct same as iChargerX.