--   ARHANGELSK-GLOBAL-REG.my
-- MIB generated by MG-SOFT Visual MIB Builder Version 6.0   Build 88

    ARHANGELSK-GLOBAL-REG DEFINITIONS ::= BEGIN

      IMPORTS
        OBJECT-TYPE
          FROM RFC-1212
        enterprises
          FROM SNMPv2-SMI;

-- Node definitions
--
      -- 1.3.6.1.4.1.38747
      cas-03 OBJECT IDENTIFIER ::= { enterprises 38747 }

      -- 1.3.6.1.4.1.38747.1
      cas OBJECT IDENTIFIER ::= { cas-03 1 }

      -- 1.3.6.1.4.1.38747.1.1
      manufacturer OBJECT-TYPE
        SYNTAX OCTET STRING
        ACCESS read-only
        STATUS mandatory
        DESCRIPTION
          "The name of the equipment manufacturer."
        ::= { cas 1 }

-        -- 1.3.6.1.4.1.38747.1.2
      modelname OBJECT-TYPE
        SYNTAX OCTET STRING
        ACCESS read-only
        STATUS mandatory
        DESCRIPTION
          "The controller name used in the equipment."
        ::= { cas 2 }

-- 1.3.6.1.4.1.38747.1.3
controllerswversion OBJECT-TYPE
    SYNTAX OCTET STRING
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "The firmware version of the controller."
    ::= { cas 3 }

-- 1.3.6.1.4.1.38747.1.4
sitename OBJECT-TYPE
    SYNTAX OCTET STRING (SIZE (0..30))
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "The location of the equipment, this
        object should be set by the administrator not more
        than 30 characters."
    ::= { cas 4 }

-- 1.3.6.1.4.1.38747.1.5
systemstatus OBJECT-TYPE
    SYNTAX INTEGER
        {
        normal(1),
        minoralarm(2),
        majoralarm(3)
        }
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Status of the equipment:
        normal(1)----there is no active alarm
        minoralarm(2)----minor alarm occurs
        majoralarm(3)----major alarm occurs"
    ::= { cas 5 }

-- 1.3.6.1.4.1.38747.1.6

systemvoltage OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "System voltage output, get in mV."
    ::= { cas 6 }

-- 1.3.6.1.4.1.38747.1.7
systemcurrent OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "System current (load current) output, get in mA."
    ::= { cas 7 }

-- 1.3.6.1.4.1.38747.1.8
acvoltage OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "1phase AC voltage, get from rectifier in V."
    ::= { cas 8 }

-- 1.3.6.1.4.1.38747.1.9
batterynumber OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the number of battery in the power system."
    ::= { cas 9 }

-- 1.3.6.1.4.1.38747.1.10
temperature1 OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory

DESCRIPTION
"The first route temperature, stored as 1 Celsius degree."
::= { cas 10 }

-- 1.3.6.1.4.1.38747.1.11
batterycurrent OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"Battery current, get in A, including positive and negative
sign. Positive indicates charge whereas negative discharge."
::= { cas 11 }

-- 1.3.6.1.4.1.38747.1.12
systemcapacityavailable OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"Battery capacity available, get in % of the total capacity."
::= { cas 12 }

-- 1.3.6.1.4.1.38747.1.13
batterymode OBJECT-TYPE
SYNTAX INTEGER
{
floatcharge(1),
equalizecharge(2)
}
ACCESS read-only
STATUS mandatory
DESCRIPTION
"The status of battery work:
floatcharge(1)----battery in float charge mode
equalizecharge(2)----battery in equlize charge mode"
::= { cas 13 }

-- 1.3.6.1.4.1.38747.1.14
rectnumsum OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the number of rectifiers which communicate with the monitor
successfully
        return the integer"
    ::= { cas 14 }

-- 1.3.6.1.4.1.38747.1.15
reccommunicationstatus OBJECT-TYPE
    SYNTAX INTEGER
        {
        normal(1),
        interrupt(2)
        }
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "The communication status between agent and rectifiers:
        normal(1)----communication normal
        interrupt(2)----communication interrupt occurs"
    ::= { cas 15 }

-- 1.3.6.1.4.1.38747.1.16
rectoutputvoltage OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the output of the rectifier.
        get from rectifier in V."
    ::= { cas 16 }

-- 1.3.6.1.4.1.38747.1.17
rectoutputcurrent OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory

DESCRIPTION
"the current of the rectifier,
get from rectifier in A"
::= { cas 17 }

-- 1.3.6.1.4.1.38747.1.18
rectcurrentref OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the current reference of the rectifier which limits the output current of
the rectifier.
get in (A)"
::= { cas 18 }

-- 1.3.6.1.4.1.38747.1.19
rectinputvoltage OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the input ac voltage of the rectifier.
get in (V)"
::= { cas 19 }

-- 1.3.6.1.4.1.38747.1.20
rectopenstate OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the open status of the rectifier.
rectopenstate(0)--rectifier shutdown
rectopenstate(1)--rectifier power on."
::= { cas 20 }

-- 1.3.6.1.4.1.38747.1.21

rectpluginnotok OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "rectifier plug in the power system whether ok or not.
        rectpluginnotok(0)--normal
        rectpluginnotok(01)--alarm ."
    ::= { cas 21 }

-- 1.3.6.1.4.1.38747.1.22
hvsdflag OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "HVSD flag--output over voltage shutdown.
        hvsdflag(0)--normal
        hvsdflag(1)--alarm."
    ::= { cas 22 }

-- 1.3.6.1.4.1.38747.1.23
outputundervol OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the status of the output of the rectifier.
        outputundervol(0)--normal
        outputundervol(1)--the output voltage low makes alarm"
    ::= { cas 23 }

-- 1.3.6.1.4.1.38747.1.24
inputovervol OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of   rectifier's input voltage.
        inputovervol(0)-- normal

inputovervol(1)--the input voltage is over than standard voltage."
::= { cas 24 }

-- 1.3.6.1.4.1.38747.1.25
inputundervol OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of   rectifier's input voltage.
        inputundervol(0)-- normal
        inputundervol--the input voltage is lower than standard voltage."
    ::= { cas 25 }

-- 1.3.6.1.4.1.38747.1.26
fanisnotrotate OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the rectifier's fan is whether ok or not.
        fanisnotrotate(0)--normal
        fanisnotrotate(1)--alarm"
    ::= { cas 26 }

-- 1.3.6.1.4.1.38747.1.27
ambientovertemp OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of the ambient temperature.
        ambientovertemp(0)--normal
        ambientovertemp(1)--the ambient temperature is higher than standard
temperature."
        ::= { cas 27 }

-- 1.3.6.1.4.1.38747.1.28

ambientundertemp OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of the ambient temperature.
        ambientundertemp(0)--normal
        ambientundertemp(1)--the ambient temperature is lower than standard
temperature.."
        ::= { cas 28 }

-- 1.3.6.1.4.1.38747.1.29
pfcovertemp OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of the rectifier 's PFC temperature.
        pfcovertemp(0)--normal
        pfcovertemp(1)--the temperature of the PFC is higher than standard
temperature."
        ::= { cas 29 }

-- 1.3.6.1.4.1.38747.1.30
dcdcovertemp OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the status of the rectifier's DCDC temperature.
        dcdcovertemp(0)--normal
        dcdcovertemp(1)--the temperature of the DCDCis higher than standard
temperature.."
        ::= { cas 30 }

-- 1.3.6.1.4.1.38747.1.31
communicationnotok OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only

STATUS mandatory
DESCRIPTION
"the status of the communication between the rectifiers.
communicationnotok(0)--normal
communicationnotok(1)--the communication is unscucessful."
::= { cas 31 }

-- 1.3.6.1.4.1.38747.1.32
dcdceepromfault OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the status of the DCDC eeprom
dcdceepromfault(0)--normal
dcdceepromfault(1)--fault"
::= { cas 32 }

-- 1.3.6.1.4.1.38747.1.33
powderatedbyacvol OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the output power is whther derated by the ac voltage or not.
powderatedbyacvol(0)--normal
powderatedbyacvol(1)--alarm"
::= { cas 33 }

-- 1.3.6.1.4.1.38747.1.34
powderatedbytemp OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION
"the output power is whther derated by the temperature or not.
powderatedbytemp(0)--normal
powderatedbytemp(1)--alarm."
::= { cas 34 }

-- 1.3.6.1.4.1.38747.1.35

currentsharenotok OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"the status of the rectifier current shared with other rectifier whether
ok or not.
　　　　　currentsharenotok(0)--noraml
　　　　　currentsharenotok(1)--alarm"
　　::= { cas 35 }

-- 1.3.6.1.4.1.38747.1.36
pfceepromfault OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"the status of the pfc eeprom
　　　　pfceepromfault(0)--normal　　pfceepromfault(1)--fault"
　　::= { cas 36 }

-- 1.3.6.1.4.1.38747.1.37
commwithmonitorlost OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"the status of the communication between the recitifiers and the
monitor.
　　　　commwithmonitorlost(0)--normal　　commwithmonitorlost(1)--alarm"
　　::= { cas 37 }

-- 1.3.6.1.4.1.38747.1.38
acstopflag OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"whether the AC voltage is normal or not,
　　　　acstopflag(0)--AC voltage is normal
　　　　acstopflag(2)--AC voltage is out of the range "

::= { cas 38 }

-- 1.3.6.1.4.1.38747.1.39
dcvoltagealarm OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "whether the output of the rectifier is normal or not.
        dcvoltagealarm(0)--normal.
        dcvoltagealarm(1)--alarm."
    ::= { cas 39 }

-- 1.3.6.1.4.1.38747.1.40
battcurralarm OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "whether the current of the battery is higher than the standard current
which set up.
        battcurralarm(0)--normal.
        battcurralarm(1)--alarm."
    ::= { cas 40 }

-- 1.3.6.1.4.1.38747.1.41
batttempalarm OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "whether the temperature of the battery is normal or not.
        batttemperaturealarm(0)--normal.
        batttemperaturealarm(1)--alarm. "
    ::= { cas 41 }

-- 1.3.6.1.4.1.38747.1.42

battfusebreak OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the fuse of the battery loop.
        battfusebreak(0)--the battery loop is well.
        battfusebreak(1)--the battery loop is broken."
    ::= { cas 42 }

-- 1.3.6.1.4.1.38747.1.43
loadfusenum OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the number of the load in the system."
    ::= { cas 43 }

-- 1.3.6.1.4.1.38747.1.44
loadfusebreak OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "the fuse of the load loop.
        loadfusebreak(0)--the battery loop is well.
        loadfusebreak(1)--the battery loop is broken."
    ::= { cas 44 }

-- 1.3.6.1.4.1.38747.1.45
batteryprotectflag OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "BLVD --the battery low voltage disconnected
        batteryprotectflag(0)--connected load

batteryprotectflag(1)--disconnected load"
::= { cas 45 }

-- 1.3.6.1.4.1.38747.1.46
digitalinput OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"The digital input status of the DI port,0x01 indicates
　　　　DI0 and 0x02 indicates DI1, and so on."
　　::= { cas 46 }

-- 1.3.6.1.4.1.38747.1.47
activealarmsum OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-only
　　STATUS mandatory
　　DESCRIPTION
　　　　"the sum of active alarms."
　　::= { cas 47 }

-- 1.3.6.1.4.1.38747.1.48
dateyear OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-write
　　STATUS mandatory
　　DESCRIPTION
　　　　"the current date of year."
　　::= { cas 48}

-- 1.3.6.1.4.1.38747.1.49
datemonth OBJECT-TYPE
　　SYNTAX INTEGER
　　ACCESS read-write
　　STATUS mandatory
　　DESCRIPTION
　　　　"the current date of month."

::= { cas 49 }

-- 1.3.6.1.4.1.38747.1.50
dateday OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the current date of day."
    ::= { cas 50 }

-- 1.3.6.1.4.1.38747.1.51
timehour OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the current time of hour."
    ::= { cas 51 }

-- 1.3.6.1.4.1.38747.1.52
timeminute OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the current time of minute."
    ::= { cas 52 }

-- 1.3.6.1.4.1.38747.1.53
timesecond OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the current time of second."
    ::= { cas 53 }

-- 1.3.6.1.4.1.38747.1.54
floatchargevol OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the float voltage of the battery,get in mV.
        "
    ::= { cas 54 }

-- 1.3.6.1.4.1.38747.1.55
eqchargevol OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the EQ voltage of the battery,get in mV.
        "
    ::= { cas 55 }

-- 1.3.6.1.4.1.38747.1.56
battovercurr OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the maxinum of the battery current which make alarm.
        get in (1/1000*C)."
    ::= { cas 56 }

-- 1.3.6.1.4.1.38747.1.57
llvdvolt OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "LLVD the voltage which the power system unload   get in mV. "
    ::= { cas 57 }

-- 1.3.6.1.4.1.38747.1.58
lblvdvolt OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "BLVD--the protected voltage which the power system unload the battery   get in mV. "
    ::= { cas 58 }

-- 1.3.6.1.4.1.38747.1.59
chargecurrlimit OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the limit current of the battery in EQ charge mode.
        get in 1/1000*C"
    ::= { cas 59 }

-- 1.3.6.1.4.1.38747.1.60
eqchargeperiod OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the period of the next EQ charge time.
        get in day"
    ::= { cas 60 }

-- 1.3.6.1.4.1.38747.1.61
battovertemp OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the battery temperature which make alarm.

get in Celsius degree."
::= { cas 61 }

-- 1.3.6.1.4.1.38747.1.62
battstdcapacity OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the capacity of the battery in the power system.
        get in Ah."
    ::= { cas 62 }

-- 1.3.6.1.4.1.38747.1.63
eqprotecttime OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the in all time of the battery in EQ charge mode.
        get in minute.
        "
    ::= { cas 63 }

-- 1.3.6.1.4.1.38747.1.64
stableeqtime OBJECT-TYPE
    SYNTAX INTEGER
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "the total time of the stable current in EQ charge mode.
        get in (A)."
    ::= { cas 64 }

-- 1.3.6.1.4.1.38747.1.65
turneqCurrent OBJECT-TYPE
    SYNTAX INTEGER

ACCESS read-write
STATUS mandatory
DESCRIPTION
"the current of battery which the battery charge mode turn from the float charge into the EQ charge mode.get in 1/1000*C"
::= { cas 65 }

-- 1.3.6.1.4.1.38747.1.66
turneqcaprate OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-write
STATUS mandatory
DESCRIPTION
"the percent of the battery capacity which the battery charge mode turn from the float charge into the EQ charge mode.get in (1/1000)%"
::= { cas 66 }

-- 1.3.6.1.4.1.38747.1.67
charge effciency OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-write
STATUS mandatory
DESCRIPTION
"the charge effciency of battery
get in (1/1000)%"
::= { cas 67 }

-- 1.3.6.1.4.1.38747.1.68
autoecenable OBJECT-TYPE
SYNTAX INTEGER
ACCESS read-write
STATUS mandatory
DESCRIPTION
"the battery control mode,auto EC enable flag.
autoecenable(0)--disable the battery in auto EC mode.
autoecenable(1)--enable the battery in auto EC mode."
::= { cas 68 }

END

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-- ARHANGELSK-GLOBAL-REG.my
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