

BR 2418 is a DC Supply System used in MV Substations, for providing stable DC to Scada Equipments, Measurement, Protection and MV Switching Equipments.

To charge the batteries efficiently, BR 2418 is designed with current and voltage regulator. It consists of 2 pieces of VRLA type batteries which are able to work on different positionings and a charger unit.

Deep Discharge Proof batteries set values is 2,25V/Cell at 20°C. 12 Cell Battery output voltage is 27,1 VDC.

To provide DC rectify voltage and isolate the protection system from the network in terms of 2kV 5mA , BR 2407 has a powerfull transformer which has copper wire and "H" class temperature values.



- Non explosive
- Maintenance Free
- Deep Discharge Proof
- 5 years expected life time
- Low self-discharge rate, lower than 3% capacity loss per month
- Stable Discharge Curves
- No free acid(Non-spillable battery)

Supply Voltage (AC)	230VAC 50Hz
Nominal Output Voltage (DC)	27,1 V DC (in full charge)
Nominal Output Current (DC) (In)	18A / 50min. -- 54A / 1sec.
Capacity (Ah)	18Ah
Voltage Regulation	± %20 input voltage change ± %1
Dielectric Withstand Voltage	2 kV
Start	Softstart (Ramp)
Charge Voltage	2,25 VDC x Cell Number
Charge Current	2A
Input Power	50VA / 36W
Charge Circuit Power	48VA
Output Power	18A x 27,1V = 487,8VA (Full Charge)
Nominal Output Power	54A x 27,1V = 1.463,6VA (1sec at Full Charge)
Operating Temperature	-10°C / +55°C
Weight	16,3kg