

BR 4807 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 4807 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 2,23V/Cell at 20°C. 24 Cell Battery output voltage is 54 VDC.

To provide DC rectify voltage and isolate the protection system from the network in terms of 2kV 5mA , BR4807 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)	54 V DC (in full charge)
Nominal Output Current (DC) (In)	7A / 50min. -- 21A / 1sec.
Capacity (Ah)	7Ah
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	100VA / 72W
Charge Circuit Power	100VA
Output Power	7A x 54V = 378W(Full Charge)
Nominal Output Power	21A x 54V =1134W (1sec at Full Charge)
Operating Temperature	-10°C / +55°C
Weight	9,5kg