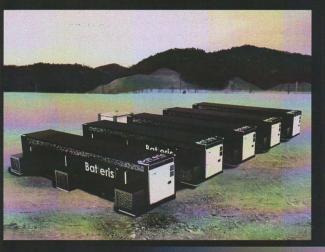
BATTERIST produces rechargeable battery systems and solutions for various fields like industrial power tools, UAVs, robot, LED lightings, medical devices and leisure sports including motor-powered racing vehicle & motor bike, and e-bikes to global customers.

BATTERIST engaged energy storage industry in 2011 and develops techniques for system integration and advanced control systems.









Batterist

ADVANCED BATTERY SYSTEM





HESS RF series

Advanced Battery System

The "HESS™ RF series" are 10 ~ 45 kilowatt hour (KWh) range battery, which provide enough energy to supply the main household load for several hours in case of a grid black-out or for daytime hours under off-grid sites. Electric power generated by PV and wind charges HESS. HESS™ offer fault tolerant power quality through the use of a redundant architecture.

Applications

Residential power source

Electric power reservoir combined with off-grid PV system Remote area or commerical buildings like bank, hospital, office, etc

TECHNICAL SPECIFICATION

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HESS-RF series	RF-10K-s	RF-15K-s	RF-30K-s	RF-45K-H
Energy	10 kWh	15 kWh	30 kWh	45 kWh
Norminal DC Voltage ¹	168 V	198 V	198 V	227 V
Voltage range	142 - 176 V	174 - 216 V	174 - 216 V	200 - 227 V
Max. Power	50 kW	75 kW	150 kW	225 kW
Cell ²	20 Ah	20 Ah	20 / 40 Ah	20 / 40 Ah
Operating temperature	-10°C to 40°C			
Storage temperature	-30°C to 55°C			
Environmental rating	Indoor IP20			
Components and dimensions				
Racks ³	1	1	1	2
Drawers per rack	6	6	6	8
Drawer weight	21 Kg	15 Kg	23 Kg	19 Kg
Modules per drawer	5~12	6	5	6
Rack unit	⁷ 21	31	31	31
Dimension W	600mm			
Dimension H	1400mm	1600mm		
Dimension D	900mm			
Accessories ,				
Interface	CAN, GDU(graphic display unit)			
Hot-Swap maintenance	N/A			Available

1. System voltage can be engineered to customer specification. 2. Available cell: 10 / 20Ah (30 / 40Ah will be in 2013) 3. 19" Std. rack

* Additional options

Inverter cabinets
 Web monitoring and control

HESS Mega series

HESS™ **Mega**, megawatt battery storage solutions in the grid can be used for load leveling, peak shifting, grid stabilization and backup systems. Also, HESS Mega is essential to serve electric power even at the off-grid sites.

Applications Renewable integerationz Load leveling



^{*} Appearance or rack dimensions is subject to change for customer's specific requirements without any advanced notice.