

ENERPACK

Battery Energy Storage Solution

ACCELERATING THE SHIFT TOWARDS NET ZERO

Salient Features



Instant Backup



Peak Shaving



No Fuel Required



No Civil Work



No O&M Cost



Hybrid System



Warranty



CLEAN | SILENT | SMART BACKUP SYSTEM



Compact & Hybrid



Capable of integration with renewable & non-renewable energy sources



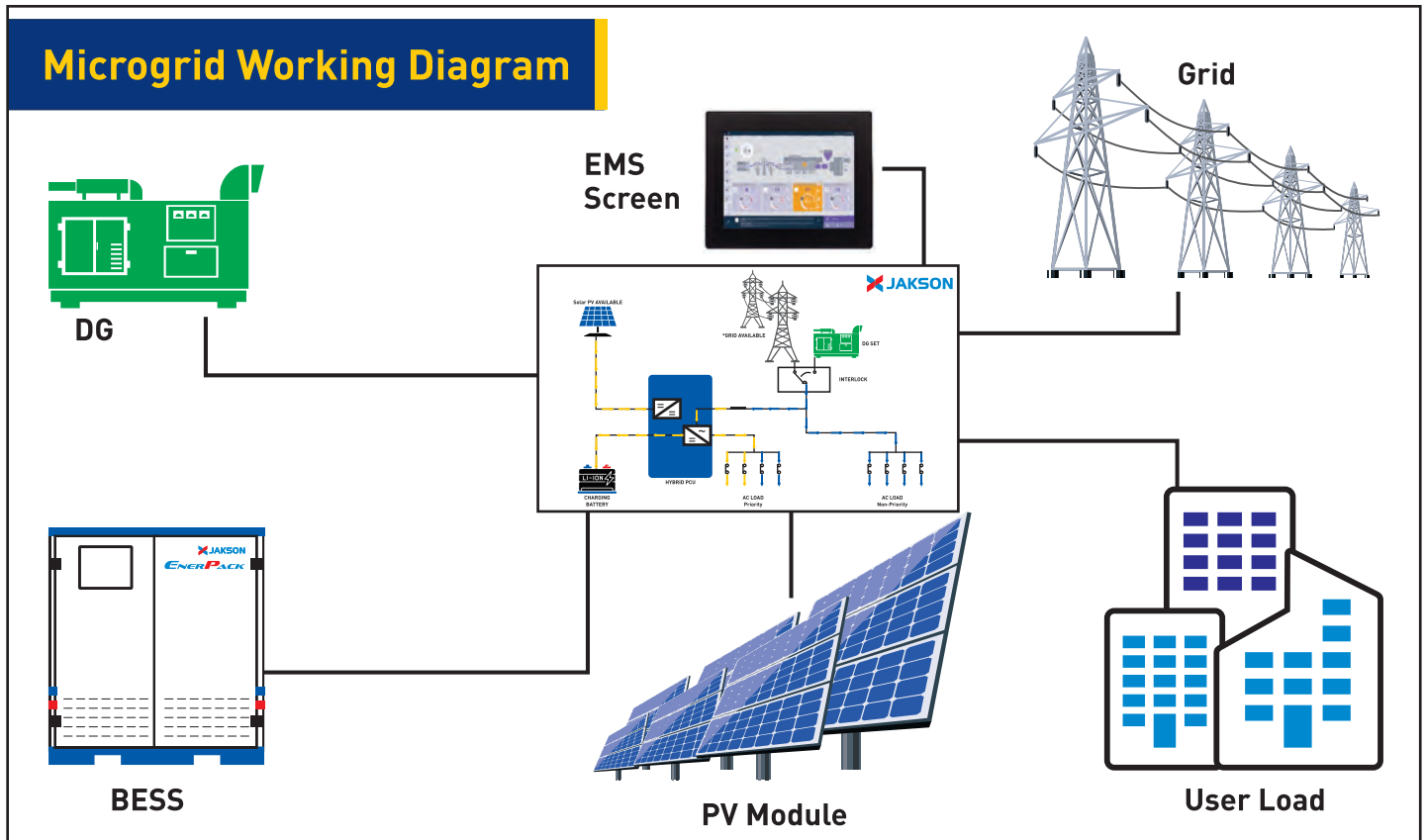
Customizable design & scalability from residential to industrial applications



Customizable Product from 3 kW to MW's

Technical Specifications

Battery Pack		PV Parameters	
Battery Type	LFP / LTO	Grid Parameters	Voltage MPPT Charger, O/P Amps, Power, Energy
Storage Capacity	3KW - MW	Load Parameters	Voltage, Frequency, Active Power
BMS	Active BMS Inbuilt	System Level Parameters	Voltage, Phase Current, Frequency, Active Power
Max Charge/Discharge Rating	0.5C/6C Rate	DG Parameters	Active faults, Temperature Inside enclosure, System mimic
No of Cycles	3000 to 10,000		Voltage, Current, Frequency, Active Power
MPPT Solar Charge Controller		Protections	
Charge Controller Type	MPPT based controller	AC Protection	AC-Under/Over Voltage
Maximum PV Capacity (KW)	110 % of inverter rating		AC- Over Current protection
Max. open circuit voltage	As per inverter rating		Transient/Surge Protection
Switching element	IGBT		Over Temperature
MPPT Efficiency	Greater than 96%	DC Protection	DC-Under/Over Voltage
Active Front End Inverter			DC- Over Current Protection
Power Rating	3 KW to MW		Transient/Surge Protection
Inverter Type	Hybrid/Bidirectional		Solar array reverse polarity
Output Voltage (Standalone mode)	230 VAC /415 VAC + 3 %	Cooling System	Fan / HVAC
Input Voltage (Standalone mode)	230 VAC /415 VAC + 3 %	Monitoring (Optional)	
Output Power	As per inverter rating	Remote	Router/Corvina Cloud
Overload 120 sec 60 sec 5 sec	110 % 125% 150%	Miscellaneous	
Grid Synchronization	Provided	Degree of Protection	IP-53
Grid Charging	Provided	Operating Ambient Temperature	0 to 50° C
Export to Grid	Enable/Disable (Optional)	Storage Temperature	Upto 50° C
Phase / connection	1 Phase/2 wire & 3 Phase/4 wire	Humidity	Max 95% non-condensing
User Interface		Altitude	1000m above sea level
Display interface	7"/10" TFT PCAP, Multitouch		
Battery Parameters	Voltage, Current, SOH, SOC, DC Power, Battery State		



DISTRIBUTED ENERGY | SOLAR | EPC | GREEN ENERGY

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