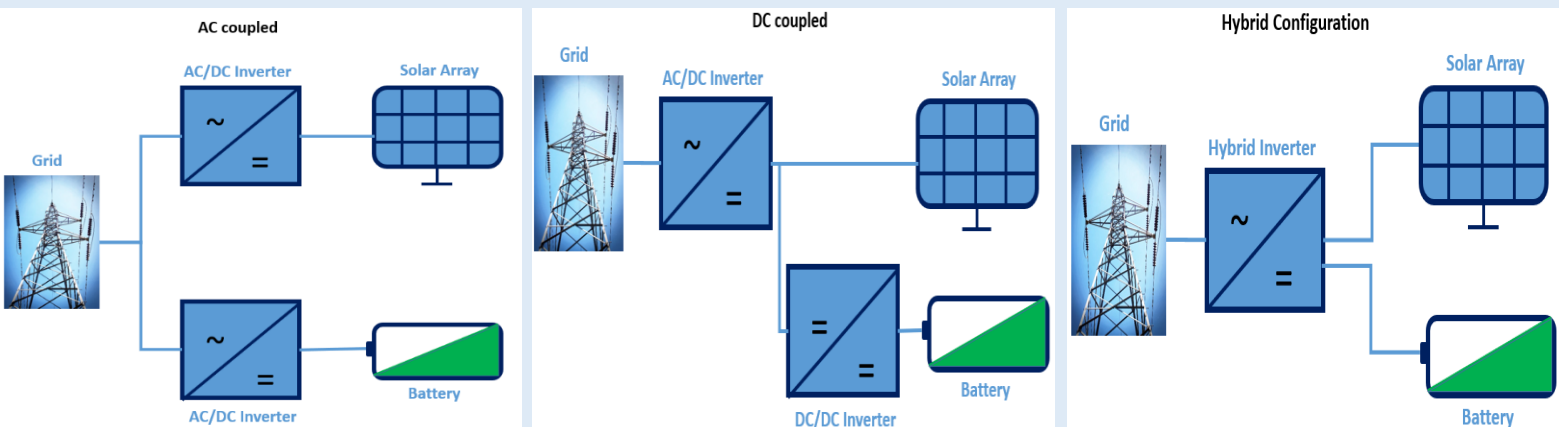
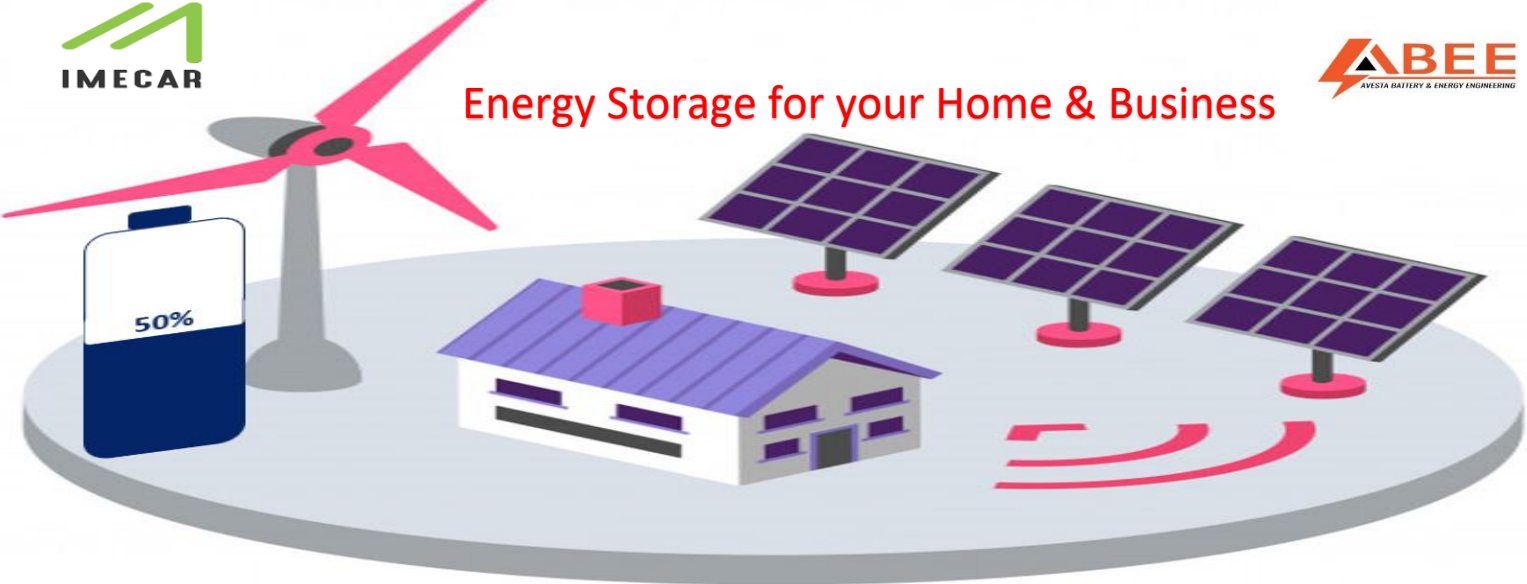


Energy Storage for your Home & Business



Company	ABEE/IMECAR	ABEE/IMECAR	ABEE/IMECAR	ABEE/IMECAR	ABEE/IMECAR	ABEE/IMECAR	ABEE/IMECAR
Specifications							
Type	AI 4,8	AI 4,8	AI 9,6	AI 14,4	AI 9,6 HV	AI 19,3 HV	AI 29 HV
Total installed Energy (kWh)	4.8	9.6	14.4	19.2	9.9	19.8	29.7
Capacity cells (Ah)	100	100	100	100	12.8	12.8	12.8
Number of parallel stacks	1	2	3	4	2	4	6
Nominal voltage (V)	48	48	48	48	387	387	387
Voltage range (V)	30 - 55	30 - 55	31 - 55	32 - 55	240 - 445	241 - 445	242 - 445
Max. Discharge power (kW)	2.4	4.5	9	14	9	19	29
Cycle life (70% DoD)	4000	4000	4000	4000	4000	4000	4000
Weight (kg)	20	40	78	120	78	150	230
Enclosure protection rating	IP55	IP55	IP55	IP55	IP55	IP55	IP55
Communication	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485	CAN 2.0 B, RS 485
Cell chemistry	LFP	LFP	LFP	LFP	LFP	LFP	LFP
Certificate cell	UL 1642	UL 1642	UL 1642	UL 1642	UL 1642	UL 1642	UL 1642
Certificate product	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE	TUV (IEC 6219) / UL 1973) CE
Compatible inverter brands	SMA, Solar Edge, Victron						

Our Services:

- Grid Storage
- Residential Installations
- Commercial Installations
- Telecom Stations
- Infrastructure PV systems

Avesta Battery and Energy Engineering (ABEE)

Ransbeekstraat 310, Brussels 1120, Belgium

Web: www.abeegroup.com

Email: contact@abeegroup.com

JOINT VENTURE BETWEEN ABEE & IMECAR