

Hardware

Low voltage system building blocks

Batteries

Description	Voltage	Ah	Capacity [kWh]	Code	Mounting
LiFePO4 LV battery module	51.2	100	5.1	RB 512-100-R	rack
LiFePO4 LV battery module	51.2	200	10.2	RB 512-200-R	rack
LiFePO4 LV battery module	51.2	200	10.2	RB 512-200-W	wall
LiFePO4 LV battery module	51.2	280	14.3	RB 512-280-W	wall

Hybrid Inverters

Description	Grid	Battery	Capacity	Code	Mounting
Low voltage hybrid inverter (Deye)	3-phase	LV	10 kVA	LV-10-3P-01	wall
Low voltage hybrid inverter (Deye)	3-phase	LV	12 kVA	LV-12-3P-01	wall
Low voltage hybrid inverter (Deye)	1-phase	LV	8 kVA	LV-08-1P-01	wall
Low voltage hybrid inverter (Deye)	1-phase	LV	12 kVA	LV-12-1P-01	wall
Low voltage hybrid inverter (Deye)	1-phase	LV	16 kVA	LV-16-1P-01	wall

PDU

Description	Grid	Battery	Code	Mounting
DCLV PDU with xEMS	3-phase	LV	RAC-LV-x	wall

High voltage system building blocks

Batteries

Description	Voltage[V]	Capacity [kWh]	Code	Mounting
LiFePO4 HV Freestanding (modular battery)	153.6	11.52	BA-G3-01-F	Freestanding (modular)

Description	Voltage[V]	Capacity [kWh]	Code	Mounting
LiFePO4 HV Freestanding (modular battery)	204.8	15.36	BA-G4-01-F	Freestanding (modular)
LiFePO4 HV Freestanding (modular battery)	256	19.20	BA-G5-01-F	Freestanding (modular)
LiFePO4 HV Freestanding (modular battery)	409.6	30.72	BA-G8-01-F	Freestanding (modular)

Batteries

Description	Voltage[V]	Ah	Capacity [kWh]	Code	Mounting
LiFePO4 HV battery rack	512	100	51.2	RBHV 512-100-RA	standing IP20
LiFePO4 HV battery rack	512	100	51.2	RBHV 512-100-RA-O	standing IP54
LiFePO4 HV battery rack	665	100	66.5	RBHV 665-100-RA	standing IP20
LiFePO4 HV battery rack	665	100	66.5	RBHV 665-100-RA-O	standing IP54
LiFePO4 HV battery rack	512	200	102.4	RBHV 512-200-RA	standing IP20
LiFePO4 HV battery rack	512	200	102.4	RBHV 512-200-RA-O	standing IP54

Hybrid Inverters

Description	Grid	Battery	Capacity	Code	Mounting
High voltage hybrid inverter (Deye)	3-phase	HV	10 kVA	HV-10-3P-01	wall
High voltage hybrid inverter (Deye)	3-phase	HV	15 kVA	HV-15-3P-01	wall
High voltage hybrid inverter (Deye)	3-phase	HV	20 kVA	HV-20-3P-01	wall
High voltage hybrid inverter (Deye)	3-phase	HV	30 kVA	HV-30-3P-01	wall
High voltage hybrid inverter (Deye)	3-phase	HV	50 kVA	HV-50-3P-01	wall

PDU

Description	Grid	Battery	Code	Mounting
ACHV PDU with xEMS	3-phase	HV	RAC-HV-x	wall

eSTORE all in one solution

Description	Voltage	Power [kW]	Capacity [kWh]	Code	Mounting
Energy storage with xEMS	512	50	102.4	eSTORE 512-200	standing IP20
Energy storage with xEMS	512	50	102.4	eSTORE 512-200-O	standing IP54
Energy storage with xEMS	1330	1075	1118	eSTORE 1330-840	standing IP54
Energy storage with xEMS	1330	1075	2236	eSTORE 1330-1680	standing IP54

PDU

Description	Grid	Battery	Code	Mounting
ACHVHP PDU (eSTORE), HP batteries	3-phase	HVHP	RAC-HP-x	wall

Energy Management

Description	Code	Mounting
xEMS Controller	MC-230-04	DIN Rail
xEMS IoT linker	IOT-L3-3	DIN Rail
xEMS Isoftware	XE-S-x	DIN Rail

Software

special parameters setting for EMS functionality with Robotina xEMS systems