

ENERPACK CRANEMASTER

THE SMART ENERGY STORAGE SYSTEM

WITH LITHIUM BATTERY AND INTEGRATED INVERTER/CHARGER

415/240V - THREE PHASE / 50HZ



**390kW
CONTINUOUS
MAXIMUM BOOST
OVERLOAD 5 MINS**

MODELS

EP 120 / 120T

EP 120 / 200T

EP 180 / 200T

EP 180 / 300T

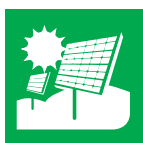
ENERPACK SERIES



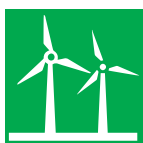
Example of electrical panel

STANDARD EQUIPMENT

- Digital control panel
- Distribution panel
- Powder Coated canopy made of hot dipped galvanized steel
- Central lifting point
- Forklift pockets



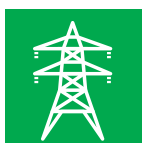
SOLAR



WIND



GENERATOR



MAINS



CONSTRUCTION



DISASTER RELIEF



EVENTS



UPS

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A BRUNO GROUP COMPANY

415/240V - THREE-PHASE / 50Hz

GENERAL TECHNICAL DATA	Units	EP 120 / 120T	EP 120 / 200T	EP 180 / 200T
Rated Voltage	VAC	415	415	415
Frequency	Hz	50	50	50
Nominal Energy Storage	kWh	120	200	200
Continuous load at power factor = 0,8	kVA	120	120	180
Overload (300 seconds)	kW	390	390	390
Communication technology		CAN bus	CAN bus	CAN bus
Sound Power Level	dB(A)	Zero Noise	Zero Noise	Zero Noise
Protection degree		IP44	IP44	IP44
Phases		3 PHASE	3 PHASE	3 PHASE

BATTERY

Battery Voltage	VDC	355,2	355,2	355,2
Brand				
Manufacturing country		ITALY	ITALY	ITALY
Quantity	units	6	10	10
Lithium cell chemistry		LiNMC	LiNMC	LiNMC
Discharged current		2 C	2 C	2 C
DOD % (depth of discharge @25°C ±2)		80%	80%	80%
Working life cycle (80% DoD)		> 6000	> 6000	> 6000

INVERTER

Quantity	units	1	1	1
Continuous output power	kVA	120	120	180
Inverter Brand				
		CONTINUOUS MAXIMUM BOOST OVERLOAD 5 MINS	CONTINUOUS MAXIMUM BOOST OVERLOAD 5 MINS	CONTINUOUS MAXIMUM BOOST OVERLOAD 5 MINS
Operation Temperature	°C	-20 to +45 *	-20 to +45 *	-20 to +45 *
Manufacturing country		ITALY	ITALY	ITALY

CONTROL

Energy Management system		Digital	Digital	Digital
Battery management system (BMS)		Hermes M3	Hermes M3	Hermes M3
Brand				
Manufacturing country		ITALY	ITALY	ITALY

DIMENSIONS AND WEIGHT

Dimensions (L x W x H)	mm	2904x 2478x2214	2904x 2478x2214	2904x 2478x2214
Weight	kg	3850	4400	4400

OPTIONS

INLET Powerlocks		1 row on request	1 row on request	1 row on request
Sockets		on request	on request	on request
Air Conditioner		on request	on request	on request
Fire Extinguisher		-	-	-
Solar Battery Charger		on request	on request	on request
Air filtration panels		on request	on request	on request

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EP 120 / 120T
EP 120 / 200T
EP 180 / 200T
EP 180 / 300T

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