

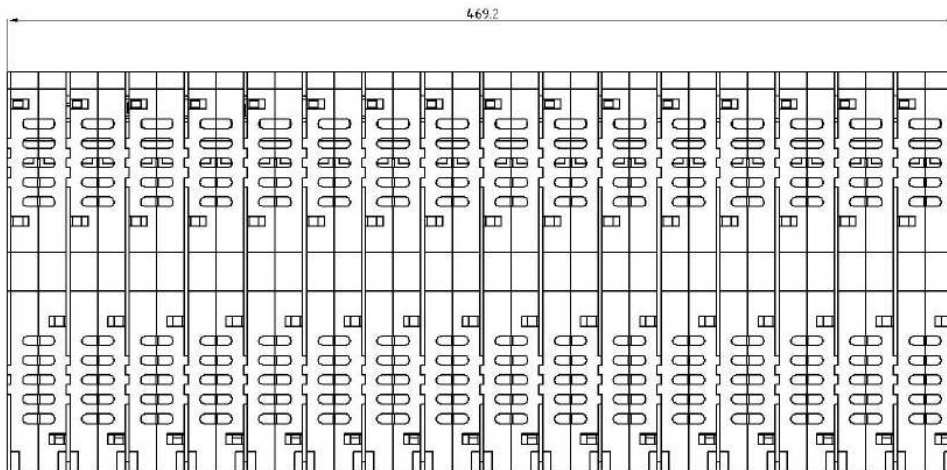
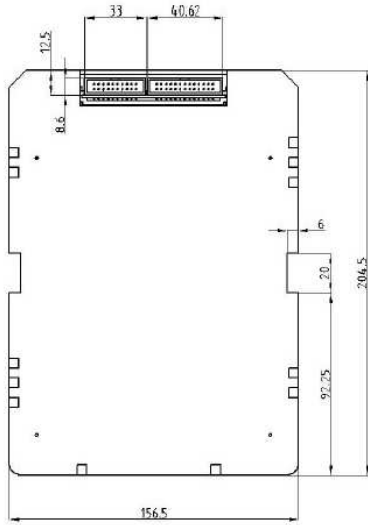
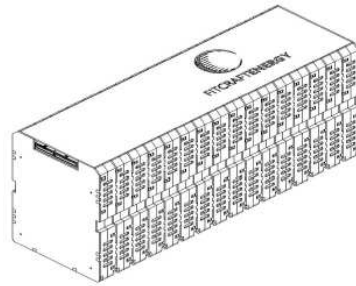


LA3016 - LiFePO4 storage battery

Specification:	Lithium-iron-phosphate
Model:	LA3016
Supplier:	Fitcraft Energy s.r.o.
Capacity:	50V at 30Ah / 1,5 kVAh
LiFePO4 cells number:	16 pcs
Rated Voltage:	48 V
Dimensions:	157x205x470 mm
Weight:	16 kg
Cells housing	Double PA66 plastic
Protection class	IP30
Maximal charge/discharge current:	20 A / 5 min
Recommended charge/discharge current	10 A
Charge voltage range:	43 V ~ 58 V
Discharge voltage range:	56 V ~ 40 V
Life cycle of the whole pack:	> 4000 (95% D.O.D.)
Storage temperature and humidity:	< 40° C, < 75 RH
Operational temperature – charging:	10° C ~ 45° C
Operational temperature – discharging:	-10° C ~ 60 °C
Storage period:	6 months
BMS (battery management system):	
Type of BMS:	Active, microprocessor controlled
Controlled quantities:	Voltage, current, temperature
Safety functions:	
Emergency STOP:	Voltage, current, temperature
Fuse:	30 A
Communication:	RS485, 9600 8n1



FITCRAFTENERGY



Connectors layout:

