

## FPC-12597 - 8KVA BATTERY BACKUP

### HARDWARE FEATURES

#### Enclosure:

- IP44 rated
- Powder coated mild steel
- Removable gland plates
- Integral ventilation

#### Protection:

- Padlockable DC battery isolator switch
- Battery protection fuse
- Din rail mounted terminal connections

#### Control & interface:

- Battery charger, power monitor and power inverter (8kVA), separate to main enclosure

#### Inputs:

- Single phase (230Vac) mains power supply

#### Outputs:

- Single phase (230Vac) power supply output

#### Included with panel:

- Built in 6V batteries (8x for 225 A/h option, 16x for 450 A/h option) for 48Vdc supply to inverter
- Inverter Dimensions - 650X250x505mm

### FUNCTION FEATURES

#### Operation:

- Provides constant 230Vac power to a pump controller or alternative control panel
- Automatic changeover of power source on mains failure
- Automatic change back to mains supply when available again
- Automatic battery charging whilst mains is connected
- Battery status can be viewed on inverter screen

#### Fault protection:

- Intelligent over current protection, electronic sensitivity
- DC battery source fusing
- Battery low voltage protection prevents batteries from going completely flat

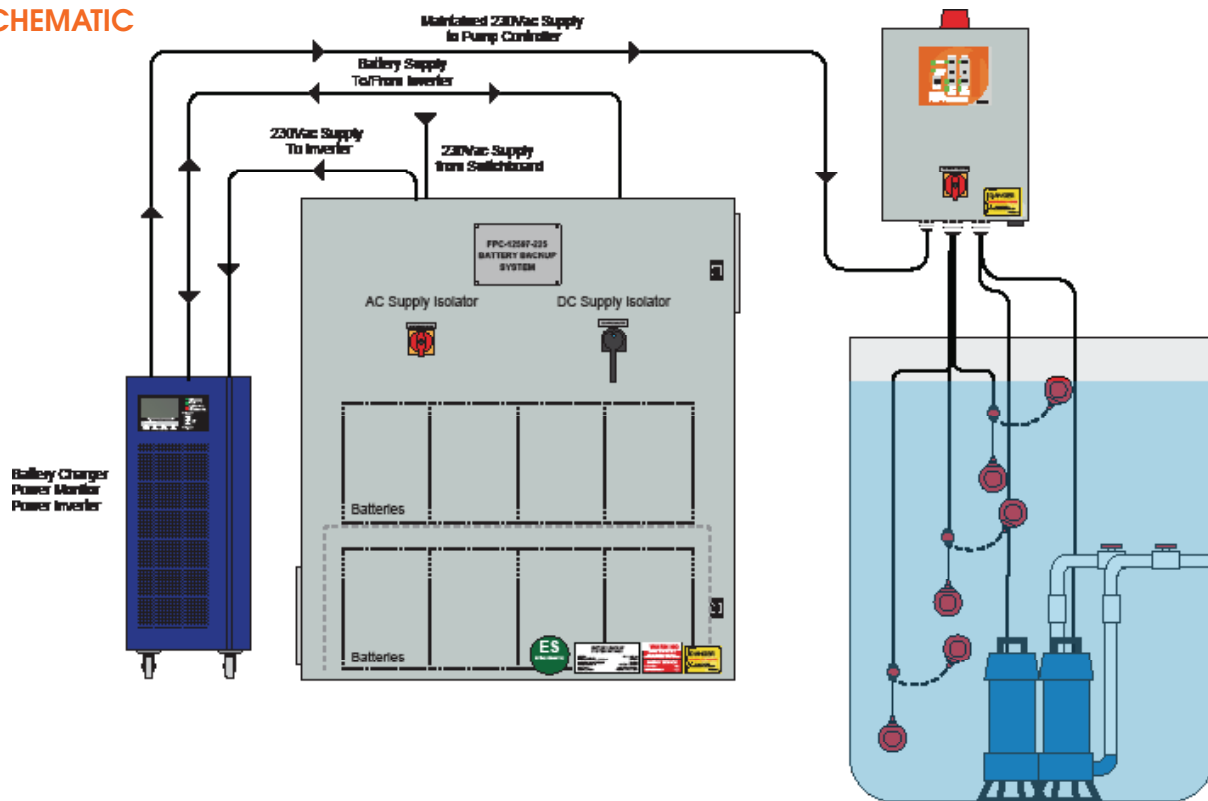


### POWER MANAGEMENT SYSTEMS - 8KVA BATTERY BACKUP RANGE

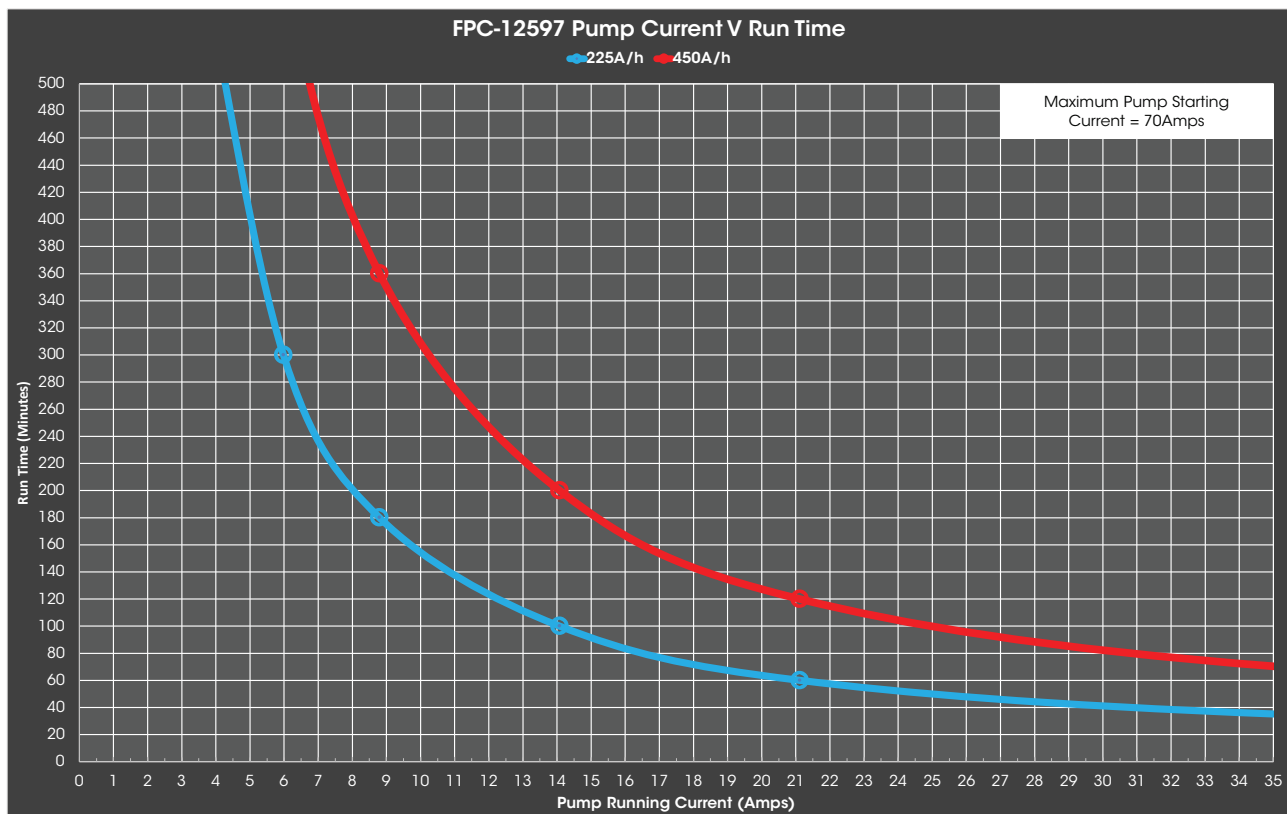
Code	Inverter Rating	Battery Capacity	Max Starting Current	Max Run Current	Enclosure Size
FPC-12597-225	8 kVA	225 A/h	70 Amps	35 Amps	1200x800x400mm
FPC-12597-450	8 kVA	450 A/h	70 Amps	35 Amps	1200x800x400mm

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### SCHEMATIC



### RUN TIMES



**Note:** Run time based on new batteries at full battery charge and 25°C. Run time will be reduced with battery age and number of discharge cycles.