

EPACO™ TRANSFORMERS AND BATTERIES

DESCRIPTION

The modular design of Fike's EPACO™ system allows the selection of necessary components needed to meet the requirements of the installation.

Two of the components include transformer and batteries. These components compliment the power supply unit (PSU) of EPACO™.

FEATURES AND BENEFITS

- Batteries provide supervised 24 VDC back-up power for PSU
- Batteries are available in different capacities
- Approvals: CE, UL and CSA



APPROVALS:

- UL Listed ad type 3AH
- CE marked (LVD tested and approved)
- CSA certified



SPECIFICATIONS

Type	Transformer (P/N 02-10644)
Max. Power Supply	250 VA, 50/60 Hz
Input Voltage	100/120/240 VAC primary
Output Voltage	25 VAC secondary
Mounting	DIN rail mount
Cover	Finger Safe Covers provided
Size	50 x 140 x 90 mm (L x W x H)
Weight	3.9 kg

Type	Batteries			
	7.2 AH (P/N 02-2018)	12 AH (P/N 02-4622)	18 AH (P/N 02-2820)	33 AH (P/N 03-3468)
Voltage	12 VDC	12 VDC	12 VDC	12 VDC
Termination	Spade terminals	Spade terminals	Spade terminals	Nut and Bolt
Size (L x W x H)	151 x 65 x 102 mm	151 x 98 x 102 mm	183 x 76 x 168 mm	198 x 132 x 188 mm
Weight	2.7 kg	4.3 kg	6.2 kg	12.1 kg

	Battery calculations (typical calculations with one PSU and one AM)	
Back up time	4 hrs	
Battery derating factor ¹	0%	20%
1 EPC	3.6 AH	4.3 AH
1 EPC & 1 RC8	4.8 AH	5.8 AH
4 EPC's	7.2 AH	8.6 AH
4 EPC's & 4 RC8's	12.0 AH	14.4 AH

(1) Factory Mutual recommends a 20% derating factor for battery back up systems - prEN standards on explosion protection systems recommend a 4 hrs backup time.