

TECHNICAL Data



Product: Safepower – FCTM (50/60 Or 60/50Hz) Mounting: Tower
 Topology: Online – Double Conversion Rating: 20 – 60 kVA
 VFI-SS-111 with Inverter Output Transformer Phase: 3:1

MODELS:	SPE FCTM 20	SPE FCTM 30	SPE FCTM 40	SPE FCTM 50	SPE FCTM 60
Nominal rating (kVA)	20	30	40	50	60
INPUT					
Voltage	380 – 400 – 415 Vac (other voltages on request)				
Phases	3				
Frequency	50 or 60 Hz				
OUTPUT					
Nominal power (kVA)	20	30	40	50	60
Active power (kW)	16	24	32	40	48
Nominal voltage	220 – 230 – 240 Vac (other voltages on request)				
Phase	1 + N				
Frequency	50 or 60 Hz				
Waveform	Sinusoidal				
Crest factor	3				
THD (linear load)	<2%				
THD (non-linear load)	<5% in accordance with BS EN50091-3				
Voltage regulation	±1% Steady state ±5% Dynamic. Recovery to within steady state limits within 20 msecs				
Overload	125% for 10 mins. 150% for 60 secs.				
Frequency regulation	±0.05% Internal oscillator				
BATTERIES					
Type	VRLA , Flood lead acid or NiCad's				
Mounting	Externally mounted in cabinets/cladded or open racks				
OTHER FEATURES					
Weight (kg)	250	270	280	300	320
Dimensions (WxDxH) (mm)	550 x 850 x 1055			700 x 860 x 1400	
Noise	60dBA @ 1M				
IP Rating	IP21				
Temperature/Humidity	0 to +40°C / 20-80% non-condensing (Excluding Batteries)				
Signalling & alarms	LCD with 2 line, 80 character alphanumeric, multi-coloured status LED indication and audible alarm				
Emergency stop	Yes				
Communications	Communications interface board with volt-free/RS232/9 Pin 'D' and optical.				
Standards	EN62040-1 EMC EN62040-2 Directives 73/23 – 93/68-2004/108 & EN62040-3				

Contact us;
 Telephone; 0845 130 6118
 email; enquiries@sielenergy.co.uk

SIEL Energy Systems Ltd

Specification subject to change without notice.