



SOLAR PACK TECHNICAL DATA

TS - FPTE
SDEV-FICA 117 R3
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System Nominal voltage output (VDC)	12
Solar panel power connector	JST - 2 pins, 2.5mm pitch
Maximum length of power cable between any component	2.8 meters (9.2 feet)
Power cable wires	2 conductors
Power cable section (mm ²)	0.2 (or AWG 24)
Motor power connector	JST - 2 pins, 2mm pitch
Battery power connector	JST - 2 pins, 2.5mm pitch
Battery chemistry	Nickel Metal Hydride (NiMH)
Battery capacity	750 mAh
Battery shelf life at room temperature	6 months - Must be fully recharged within 6 months from printed date
Battery preparation	Must be fully charged prior to first installation
Battery safety	Short circuit protection (PTC)
Battery operating temperature	0°C to 50°C (32°F to 122°F)
Insulation class	III
Service stress	Solar panel placed against window glass facing out. For indoor use only
Motor compatibility	All 12V Somfy WireFree products
Material Safety Data Sheet for NiMH batteries (MSDS)	GP Batteries RRS0541
Safety compliance	EN 60335-1
Intrusion Protection (IP)	30
Solar Panel Operating Temperature	-10°C to +70°C (16°F to 158°F)
Storage Temperature (kit)	-20°C to +30°C (-4°F to 86°F)

Note: All data measured at Room Temperature (25°C / 77°F)

Designation	Output Voltage (V)	Solar panel Rating (W)	Weight of Solar panel Assembly (Kg)	Weight of Battery tube Assembly (Kg)	Solar panel Operational range (LUX)
SOLAR PACK	13,6	0,84	0,16	0,23	500 to 100K
	Fully charged		0.35 Lb	0.51 Lb	

