

ENCLOSURE COOLING WITHOUT REFRIGERANT

SOLITHERM PELTIER

SOLITHERM PELTIER cooling units are based on the so-called Peltier effect. When DC voltage is applied, Peltier elements generate a temperature difference which in combination with surface enlarging heat sinks and forced ventilation, causes cooling inside the enclosure. The heat is dissipated into the environment via a separate ambient heat sink.

Peltier cooling units do not require a refrigerant, have no compressor and no pressure circuit and can thus be installed in almost any position. They withstand the most extreme environments and work reliably even in very dusty and oily conditions and at temperatures between -20°C and 70°C.

SOLITHERM PELTIER cooling units with ATEX classification (zone 22) can be used for hazardous applications.



SOLITHERM PELTIER thermoelectric cooling units



- ✓ For Indoor and Outdoor applications
- ✓ Available in AC and DC voltages
- ✓ Can be mounted in any position ¹⁾
- ✓ NEMA / Type 4X rated
- ✓ Ingress protection IP 66
- ✓ Maintenance free



Model	Cooling capacity (L35L35)	Available voltages	Dimensions (H x W x D) mm	
			Recessed	Wall mounted (with frame)
TG 3030	30 W	12 V DC	110 x 154 x 132	212 x 158 x 137
TG 3035	30 W	24 V DC	110 x 154 x 129	212 x 158 x 132
TG 3050	50 W	24 V DC	206 x 154 x 138	302 x 158 x 141
TG 3075	75 W	24 V DC	250 x 203 x 160	350 x 217 x 157
TG 3102	100 W	24 V DC	200 x 305 x 138	302 x 306 x 141
TG 3155	125 W	24 V DC	306 x 203 x 160	406 x 217 x 163
TG 3152	150 W	24 V DC	400 x 180 x 170	500 x 188 x 172
TG 3152EX	150 W	24 V DC	405 x 185 x 165	-
TG 3200	200 W	24 V DC, 48 V DC	400 x 180 x 170	500 x 188 x 172
TG 6105	100 W	120 V ~60 Hz, 230 V ~ 50/60 Hz	281 x 353 x 175	281 x 353 x 175
TG 6155	150 W	120 V ~60 Hz, 230 V ~ 50/60 Hz	500 x 333 x 181	500 x 333 x 187
TG 6205	200 W	120 V ~60 Hz, 230 V ~ 50/60 Hz	500 x 333 x 181	500 x 333 x 187
TG 6405	400 W	120 V ~60 Hz, 230 V ~ 50/60 Hz	600 x 433 x 199	600 x 433 x 203
TG 6805	800 W	120 V ~60 Hz, 230 V ~ 50/60 Hz	975 x 517 x 202	975 x 517 x 205
TG 3903	Thermoelectric dehumidifier	24 V DC	136 x 176 x 133	179 x 179 x 133

¹⁾ Depending on the mounting situation the condensation management may need to be considered and possibly adjusted