

PREFERRED
CHASSIS
FABRICATION



SGORPION4x4.COM

12V/24V DC Source
28 Vdc / Charger
1Ø AC Source
Adjustable Output Freq

PORTABLE DC POWER CART
PORTABLE AC POWER SOURCE
BUILT-IN SMART CHARGER

Part Numbers M1K28
MA1-1K28 (AC opt)

Features

- Mobile flightline or motor pool power
- 1000 CCA 12V/24V start capacity
- Air Transportable
- Universal input charger
- 1Ø AC output option
- Standard NATO DC connector

Applicable Specifications

- IP56
- DO-160
- MIL-STD-1275
- MIL-STD-167
- MIL-STD-1472
- MIL-STD-810

Specifications (-40 to +85°C ambient temperature)

SYM.	DESCRIPTION	VALUE	TOL.	NOTE (STD)
Vac	1Ø charger input voltage	100-240V	±10%	50/60Hz
Vdc ₁	Output voltage (NATO conn)	24Vdc	nom	
CCA ₁	Cold cranking amps	1000A	min	
Vdc ₂	Output voltage (AND conn)	12Vdc	nom	
CCA ₂	Cold cranking amps	1000A	min	
AH	Nominal capacity 20 Hr rate-AH	100AH	nom	
T _R	Reserve capacity (minutes)	200	typ	
Vac	AC output voltage	120Vac	nom	AC output opt
F _{ADJ}	AC output frequency range	47-800Hz	±1%	Var freq opt
Wt	weight (pounds)	300	max	AC output opt